



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Participant ID	
Participant Name	
Telegram Link	
Test Date	16/07/2021
Test Time	9:00 AM - 12:00 PM
Subject	PGT-Biology (Female)

Section : Mental Ability

Q.1 Which answer figure will complete the pattern in the question figure?

Question figure:



Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Question ID : 5038905450

Q.2 4 girls (G_1, G_2, G_3, G_4) and 3 boys (B_1, B_2, B_3) are to sit for a dinner such that no two boys should sit together nor two girls. If they are sitting successively in this order, what is the position, respectively, of B_2 and G_3 ?

- ✗ 1. 3rd and 4th
- ✗ 2. 2nd and 3rd
- ✗ 3. 5th and 6th
- ✓ 4. 4th and 5th

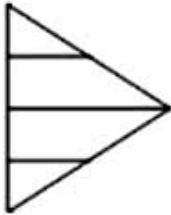
Question ID : 5038905439

Q.3 In a certain code language, 'INTESTINE' is written as 'TNITSEENI'. How will 'FREQUENCY' be written as in that language?

- Ans
- ☐ 1. REFEUQYNC
 - ☐ 2. QESEUENCT
 - ☐ 3. ERFUEYQCN
 - ☒ 4. ERFEUQYCN

Question ID : 5038905438

Q.4 How many triangles are there in the given figure?



- Ans
- ☐ 1. 4
 - ☐ 2. 6
 - ☒ 3. 5
 - ☐ 4. 3

Question ID : 5038905451

Q.5 Choose the option that is unrelated (or odd one out amongst) the given set of words.

- Ans
- ☐ 1. Autopsy
 - ☐ 2. Biopsy
 - ☐ 3. Necropsy
 - ☒ 4. Leprosy

Question ID : 5038905435

Q.6 In the question below, there are two statements followed by four conclusions given in options. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusion logically follow(s) from the given statements.

Statements:

No place is peace.

Some peace is plate.

- Ans
- ☒ 1. Some peace is plate
 - ☐ 2. All place is plates
 - ☐ 3. Some place is plate
 - ☐ 4. Some plate is place

Question ID : 5038905441

Q.7 In the question given, relations between different elements are shown in the statements. These statements are followed by two conclusions. Find out which of the given conclusions follow(s) the given statements and select the correct alternative from the given choices.

Statements:

$R > S > T$; $R > F > B$.

Conclusions:

I. $B > S$

II. $F < T$

Ans ☒ 1. Neither I nor II is true

☐ 2. Only I is true

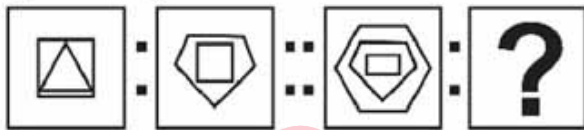
☐ 3. Only II is true

☐ 4. Both I & II are true

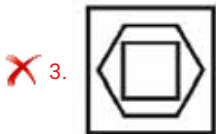
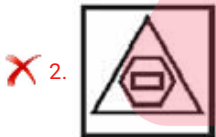
Question ID : 5038905443

Q.8 In the following question, select the related figure from the given alternatives.

Question figures:



Ans



TEACHERS

adda247

Question ID : 5038905449

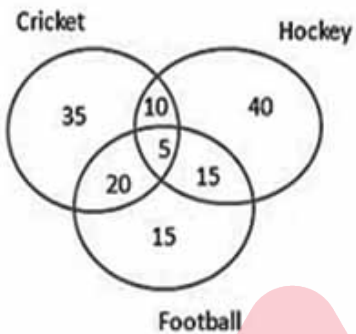
Q.9 If '+' means '÷', '-' means '×', '×' means '-' and '÷' means '+', which of the following will be the value of expression.

$$16 \div 8 - 4 + 2 \times 4 = ?$$

- Ans
- ☒ 1. 28
 - ☐ 2. 32
 - ☐ 3. 16
 - ☐ 4. 44

Question ID : 5038905444

Q.10 Study the following venn diagram and answer the question asked. How many people play either Cricket or Hockey?



- Ans
- ☐ 1. 120
 - ☐ 2. 110
 - ☐ 3. 115
 - ☒ 4. 125

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Question ID : 5038905446

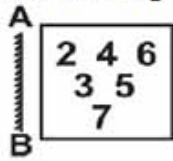
Q.11 Geeta starts walking in the north direction and after walking some distance she took a left turn followed by a right turn. After that she took two consecutive left turns, now she is walking in which direction?

- Ans
- ☐ 1. North
 - ☐ 2. West
 - ☐ 3. East
 - ☒ 4. South

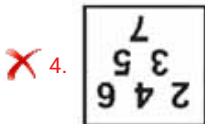
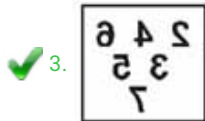
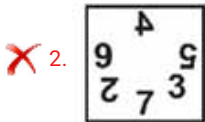
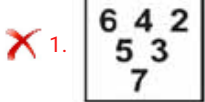
Question ID : 5038905448

Q.12 Find the mirror image of the given image.

Question figure



Ans

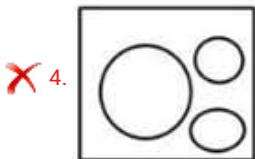
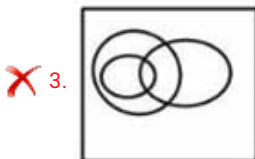
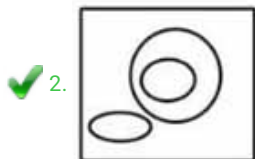
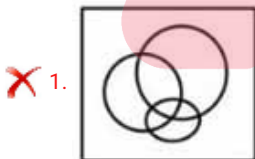


Question ID : 5038905452

Q.13 Identify the diagram that best represents the relationship among the given classes.

Mirror, lens, spectacles

Ans



Question ID : 5038905447

Q.14 Q is the father-in-law of U's mother. P is the only brother of G. D is the father of U. D has a sister, whose mother is T. Q has only one daughter who is R. How is G related to D?

- Ans
- ☒ 1. Sister
 - ☐ 2. Wife
 - ☐ 3. Brother
 - ☐ 4. Sister-in-law

Question ID : 5038905440

Q.15 From the given responses, find the missing term in the series.

E1.6A, I2.5E, M3.6I, Q4.9O , ?

- Ans
- ☒ 1. U6.4U
 - ☐ 2. H6.4X
 - ☐ 3. M6.4U
 - ☐ 4. M6.4G

Question ID : 5038905433

Q.16 In the following question, select the related letters from the given alternatives.

ROME : VROF :: TURN : ?

- Ans
- ☐ 1. DCCC
 - ☐ 2. YYZX
 - ☒ 3. XXTO
 - ☐ 4. RROQ

Question ID : 5038905437

Q.17 Find the missing number in the series given below.

1, 2, 3, 5, 7, 9, 11, 13, (?)

- Ans
- ☒ 1. 17
 - ☐ 2. 21
 - ☐ 3. 23
 - ☐ 4. 15

Question ID : 5038905445

Q.18 Select the option in which the words share the same relationship as that shared by the given pair of words.

Knowledge : Awareness

- Ans
- ☒ 1. Painting : Painter
 - ☒ 2. Bacteria : disease
 - ☒ 3. Game : Player
 - ☒ 4. Disease : Doctor

Question ID : 5038905436

Q.19 In the question below, there are three statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusion logically follow(s) from the given statements.

Statements:

All Strong are weak.
Some weak are Tigers.
All Tigers are Sharp.

Conclusions:

I. Some Strong are Sharp.
II. No Strong is Sharp.

- Ans
- ☒ 1. If only conclusion I follows
 - ☒ 2. If neither conclusion I nor II follows
 - ☒ 3. If only conclusion II follows
 - ☒ 4. If either conclusion I or II follows

Question ID : 5038905442

Q.20 Select the option whose letters, when arranged from left to right in the below series, will complete the series logically.

T _ _ K _ O _ T T _ _ K _ _ R _

- Ans
- ☒ 1. OOKRRRKOT
 - ☒ 2. ORORORKOR
 - ☒ 3. ORKKRRKOT
 - ☒ 4. ORKROKOT

Question ID : 5038905434

Section : General Awareness

Q.1 Which of the following Prime Ministers released the stamp "Wheat Revolution" to appreciate the Green Revolution?

- Ans
- ☒ 1. Jawaharlal Nehru
 - ☒ 2. Lal Bahadur Shastri
 - ☒ 3. Narendra Modi
 - ☒ 4. Indira Gandhi

Question ID : 5038905456

Q.2 Which of the following Harappan cities was located on Khadir Beyt in the Rann of Kutch?

- Ans
- ☒ 1. Kalibangan
 - ☒ 2. Dholavira
 - ☒ 3. Mohenjo Daro
 - ☒ 4. Lothal

Question ID : 5038905463

Q.3 Which of the following Indians is the latest recipient of the Nobel Prize?

- Ans
- ☒ 1. V Ramakrishnan
 - ☒ 2. Abhijit Banerjee
 - ☒ 3. Kailash Satyarthi
 - ☒ 4. Amartya Sen

Question ID : 5038905467

Q.4 Where was the first ever ICC Cricket World Cup organized?

- Ans
- ☒ 1. West Indies
 - ☒ 2. Australia
 - ☒ 3. India
 - ☒ 4. England

Question ID : 5038905469

Q.5 Who was the first Governor-General of Free India?

- Ans
- ☒ 1. C Rajgopalchari
 - ☒ 2. Lord Wavell
 - ☒ 3. Lord Warren Hastings
 - ☒ 4. Lord Mountbatten

Question ID : 5038905464

Q.6 Kelucharan Mohapatra is an eminent dancer in which of the following dances?

- Ans
- ☐ 1. Kathak
 - ☐ 2. Bharatnatyam
 - ☒ 3. Odissi
 - ☐ 4. Kathakali

Question ID : 5038905455

Q.7 Which of the following organizations in India is known as the "Lender of Last Resort"?

- Ans
- ☒ 1. Reserve Bank of India
 - ☐ 2. Finance Ministry
 - ☐ 3. Home Ministry
 - ☐ 4. State Bank of India

Question ID : 5038905457

Q.8 Which of the following languages was originally used for the composition of the National Anthem of India?

- Ans
- ☐ 1. Gujarati
 - ☒ 2. Bengali
 - ☐ 3. Hindi
 - ☐ 4. Sanskrit

Question ID : 5038905453

Q.9 Where is the headquarters of FIFA located?

- Ans
- ☐ 1. United Kingdom
 - ☐ 2. Germany
 - ☐ 3. USA
 - ☒ 4. Switzerland

Question ID : 5038905470

Q.10 Which of the following rivers originates from a glacier near Bokhar Chu in the Tibetan region?

- Ans
- ☐ 1. Ravi
 - ☐ 2. Brahmaputra
 - ☐ 3. Chenab
 - ☒ 4. Indus

Question ID : 5038905461

Q.11 Which of the following refractive defects of vision is also known as Short-sightedness?

- Ans
- ☐ 1. Hypermetropia
 - ☐ 2. Cataract
 - ☐ 3. Presbyopia
 - ☒ 4. Myopia

Question ID : 5038905458

Q.12 Which of the following is not there in the Amer Fort?

- Ans
- ☐ 1. Sukh Niwas
 - ☐ 2. Diwan-e-Khaas
 - ☐ 3. Diwan-e-Aam
 - ☒ 4. Roopmati Mahal

Question ID : 5038905454

Q.13 Which of the following articles provides that Right to Education is a Fundamental Right?

- Ans
- ☐ 1. 19
 - ☐ 2. 17
 - ☒ 3. 21A
 - ☐ 4. 32

Question ID : 5038905466

Q.14 Who discovered the vaccine for smallpox in 1798?

- Ans
- ☒ 1. Edward Jenner
 - ☐ 2. Alexander Fleming
 - ☐ 3. Robert Koch
 - ☐ 4. James Phipps

Question ID : 5038905459

Q.15 Who is the author of the novel "A passage to India"?

- Ans
- ☐ 1. Edward Gibbon
 - ☒ 2. E M Forster
 - ☐ 3. H G Wells
 - ☐ 4. Pt. Jawaharlal Nehru

Question ID : 5038905468

Q.16 Hindi in Devanagari Script is the official language of India according to which article of the Indian Constitution?

- Ans
- ☐ 1. 313
 - ☐ 2. 354
 - ☒ 3. 343
 - ☐ 4. 341

Question ID : 5038905465

Q.17 As of June 2021, which of the following is the largest state in India in terms of area?

- Ans
- ☐ 1. Madhya Pradesh
 - ☐ 2. Maharashtra
 - ☒ 3. Rajasthan
 - ☐ 4. Uttar Pradesh

Question ID : 5038905460

Q.18 As of June 2021, who is the President of Palestine?

- Ans
- ☐ 1. Benjamin Netanyahu
 - ☒ 2. Mahmoud Abbas
 - ☐ 3. Mohammad Ibrahim Shtayyeh
 - ☐ 4. Reuven Rivlin

Question ID : 5038905472

Q.19 Which of the following organizations developed the COVID-19 vaccine Covaxin?

- Ans
- ☒ 1. Bharat Biotech
 - ☐ 2. Serum Institute of India
 - ☐ 3. Pfizer
 - ☐ 4. Indian Medical Association

Question ID : 5038905471

Q.20 In which year the Battle of Plassey was fought?

- Ans
- ☐ 1. 1773
 - ☒ 2. 1757
 - ☐ 3. 1763
 - ☐ 4. 1557

Question ID : 5038905462

Q.1 If at a certain rate of simple interest, the principal amount becomes Rs. 15,240 and Rs. 16,860 in 3 years and in 4.5 years respectively, then find the rate of interest (in percent per annum).

- Ans
- ☒ 1. 12 percent
 - ☒ 2. 9.6 percent
 - ☒ 3. 10 percent
 - ☒ 4. 9 percent

Question ID : 5038905484

Q.2 The population of a town is 1500. If the number of males increases by 8 percent and that of the females by 10 percent, then the population would increase to 1630. Find the number of females in the town.

- Ans
- ☒ 1. 600
 - ☒ 2. 300
 - ☒ 3. 400
 - ☒ 4. 500

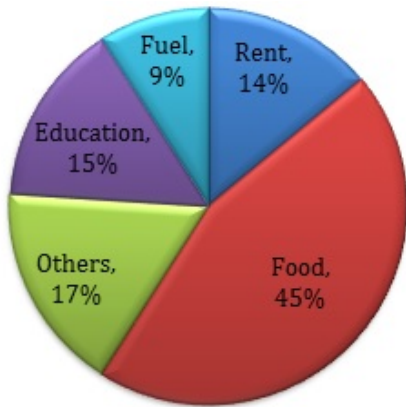
Question ID : 5038905480

Q.3 Average of 7 numbers is calculated as 59, but it is found that one number is wrongly taken as 83 instead of 27. Find the correct average.

- Ans
- ☒ 1. 51
 - ☒ 2. 56
 - ☒ 3. 53
 - ☒ 4. 57

Question ID : 5038905478

Q.4 The pie chart given below shows the spending of a family on various heads during a month.



■ Rent ■ Food ■ Others ■ Education ■ Fuel

If the total income of the family is Rs.25,000, then the amount spent on Rent and Food together is:

- Ans
- ☐ 1. Rs.8,500
 - ☐ 2. Rs.11,250
 - ☐ 3. Rs.17,250
 - ☒ 4. Rs.14,750

Question ID : 5038905490

Q.5 HCF of two numbers is 18 and their product is 2196. What is the LCM of these numbers?

- Ans
- ☐ 1. 98
 - ☐ 2. 108
 - ☐ 3. 112
 - ☒ 4. 122

Question ID : 5038905475

Q.6 A shopkeeper sells sugar in such a way that the selling price of 950 gm is the same as the cost price of one kilogram, find his gain percent.

- Ans
- ☐ 1. 50/19
 - ☒ 2. 100/19
 - ☐ 3. 100/21
 - ☐ 4. 5

Question ID : 5038905481

Q.7 Find the smallest fraction of the following fractions.

- Ans
- ☒ 1. $\frac{135}{123}$
 - ☒ 2. $\frac{85}{48}$
 - ☒ 3. $\frac{812}{795}$
 - ☒ 4. $\frac{23}{15}$

Question ID : 5038905477

Q.8 The boat can travel in still water at 7 kmph and the speed of stream is 3 kmph. Find the total time taken by the boat to travel upstream 60 km and returned to the same point where it starts? (in hours).

- Ans
- ☒ 1. 15
 - ☒ 2. 18
 - ☒ 3. 16
 - ☒ 4. 21

Question ID : 5038905486

Q.9 Pipes A and B alone can fill an empty tank in 10 hours and 20 hours respectively. Pipe C alone can empty the full tank in 12 hours. In how many hours pipes A, B and C together can fill the empty tank?

- Ans
- ☒ 1. 13 hours
 - ☒ 2. 12 hours
 - ☒ 3. 18 hours
 - ☒ 4. 15 hours

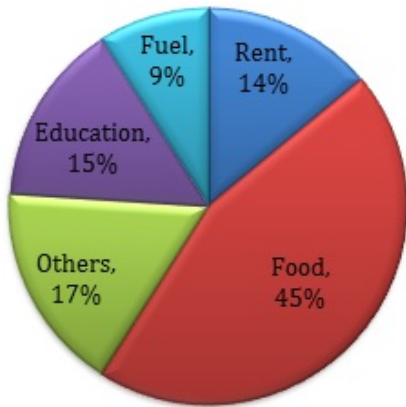
Question ID : 5038905487

Q.10 If the price of a pen decreases by 12.5 percent, then Tim can buy 2 more pens for Rs. 112. What is the initial price (in Rs.) of each pen?

- Ans
- ☒ 1. Rs.7
 - ☒ 2. Rs.14
 - ☒ 3. Rs.8
 - ☒ 4. Rs.4

Question ID : 5038905479

Q.11 The pie chart given below shows the spending of a family on various heads during a month.



■ Rent ■ Food ■ Others ■ Education ■ Fuel

What is the ratio of the expenses on Education to the expenses on Food?

- Ans
- ☒ 1. 3:5
 - ☒ 2. 5:3
 - ☒ 3. 1:3
 - ☒ 4. 3:2

Question ID : 5038905491

Q.12 What will come in the place of question mark (?) in the given expression?

$$45\% \text{ of } 480 + 18^2 = ?^2 - 17^2 + 10^2$$

- Ans
- ☒ 1. 32
 - ☒ 2. 27
 - ☒ 3. 23
 - ☒ 4. 20

Question ID : 5038905473

Q.13 Find the value of $a \times b$ in the equation given below.

$$8^{(2/3)} \times 13^{(2/4)} = 64^{1/3} \times 8^{a/4} \times 13^{8+b}$$

- Ans
- ☒ 1. 1
 - ☒ 2. -1
 - ☒ 3. 0
 - ☒ 4. 2

Question ID : 5038905474

Q.14 The age of 4 persons are in the ratio of 13:21:10:25, and their average age is 69 years. Find the difference between the age of the oldest and the youngest person.

- Ans
- ☒ 1. 60 years
 - ☐ 2. 80 years
 - ☐ 3. 40 years
 - ☐ 4. 30 years

Question ID : 5038905482

Q.15 The radii of two cylinders A and B are in the ratio of 4:7 and the heights are in the ratio of 7:5 respectively. Find the ratio of curved surface area of cylinder B to that of A.

- Ans
- ☐ 1. 35:49
 - ☒ 2. 5:4
 - ☐ 3. 6:5
 - ☐ 4. 49:35

Question ID : 5038905489

Q.16 Find the largest number that divides 102, 141, 258 and leaves the same remainder in each case.

- Ans
- ☐ 1. 56
 - ☐ 2. 17
 - ☐ 3. 26
 - ☒ 4. 39

Question ID : 5038905476

Q.17 Initially, the distance covered by a bus in 1 hour is 40 km, but after every hour its speed is increased by 2 km/hr. Find the total distance covered by bus in 5 hours.

- Ans
- ☐ 1. 250 km
 - ☐ 2. 240 km
 - ☒ 3. 220 km
 - ☐ 4. 280 km

Question ID : 5038905485

Q.18 A rectangle having length as 21 cm and breadth as 10 cm is rotated about its longer edge as axis. Find the volume of the solid generated.

- Ans
- ☐ 1. $2140 \pi \text{ cm}^3$
 - ☐ 2. $1025 \pi \text{ cm}^3$
 - ☐ 3. $7207 \pi \text{ cm}^3$
 - ☒ 4. $2100 \pi \text{ cm}^3$

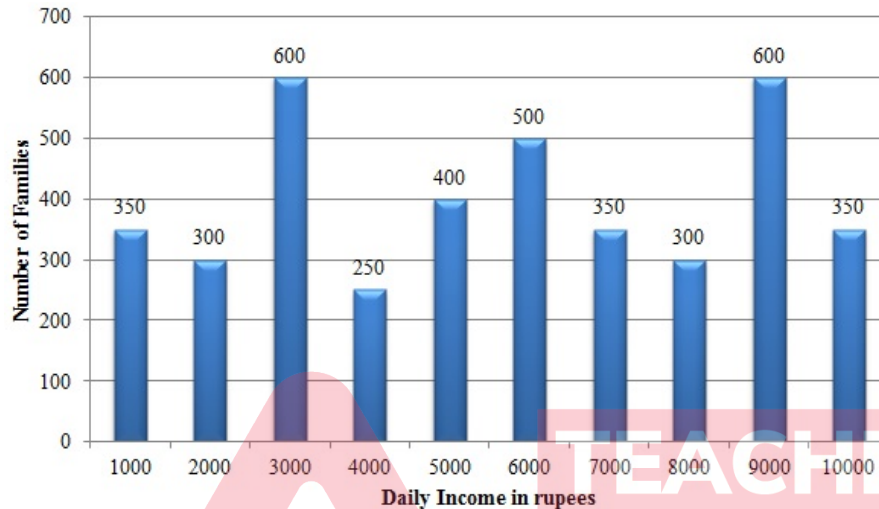
Question ID : 5038905488

Q.19 A bag contains Rs.1, 50 paisa and 25 paisa coins in the ratio of 3:4:8 respectively. If total value of money in the bag is Rs.840. Find the no. of 50 paisa coins in the bag.

- Ans
- ☒ 1. 600
 - ☒ 2. 360
 - ☒ 3. 480
 - ☒ 4. 540

Question ID : 5038905483

Q.20 The graph below shows the results of a survey conducted in a city. It shows the number of families in that city having various daily incomes.



How many families have daily income not less than Rs.2000 but less than Rs.6000?

- Ans
- ☒ 1. 1150
 - ☒ 2. 1250
 - ☒ 3. 1400
 - ☒ 4. 1550

Question ID : 5038905492

Section : General English

Q.1 Select the wrongly spelt word.

- Ans
- ☒ 1. Fahrenheit
 - ☒ 2. Forward
 - ☒ 3. Pharaoh
 - ☒ 4. Liaeson

Question ID : 5038905504

Q.2 Rearrange the following sentences in their correct order to form a meaningful paragraph.

P Visibility was almost zero.

Q There were blinding flashes, followed by peals of thunder.

R Suddenly without any warning, our helicopter went into a spin and nosedived into the darkness below.

S Our anxiety rose into fear.

Ans ☒ 1. QPSR

☐ 2. SPQR

☐ 3. PQRS

☐ 4. RPSQ

Question ID : 5038905500

Q.3 Select the most appropriate synonym of the given word.

INEBRIATED

Ans ☐ 1. Broken

☐ 2. Stupefied

☒ 3. Drunken

☐ 4. Unsteady

Question ID : 5038905501

Q.4 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

A meeting of the union cabinet has been called at 11 am on Wednesday.

Ans ☐ 1. had being called

☐ 2. have been called

☐ 3. has being called

☒ 4. No substitution required

Question ID : 5038905496

Q.5 Select the most appropriate option to fill in the blank.

She _____ from the position of the station chief executive officer last year, but she is still the director.

Ans ☐ 1. adapted

☐ 2. yielded

☐ 3. agitated

☒ 4. resigned

Question ID : 5038905498

Q.6 Select the most appropriate meaning of the given idiom/ phrase.

Kick the can down the road

- Ans
- ☒ 1. A task or job that is easy to complete
 - ☒ 2. To avoid dealing with a problem
 - ☒ 3. Hear news of something secret
 - ☒ 4. It never changes back or comes back

Question ID : 5038905505

Q.7 Select the most appropriate antonym of the given word.

EFFEMINACY

- Ans
- ☒ 1. Aggressiveness
 - ☒ 2. Verbosity
 - ☒ 3. Boorishness
 - ☒ 4. Manliness

Question ID : 5038905502

Q.8 Rearrange the following sentences in their correct order to form a meaningful paragraph.

P. So how do you really focus on being productive without killing your creativity?
Q. More than anything, it's been difficult for creative people to keep up with their creativity.
R. This lockdown has been hard on almost all employees.
S. There are ways through which you can hit your deadlines without any negative emotional, mental and physical effects of burnout.

- Ans
- ☒ 1. PQRS
 - ☒ 2. QRSP
 - ☒ 3. SRQP
 - ☒ 4. RQPS

Question ID : 5038905499

Q.9 Select the most appropriate option to fill in the blank.

Waving a fan for nearly 12 hours continuously, with just a break for lunch, could make _____ arms sore.

- Ans
- ☒ 1. everyone
 - ☒ 2. anyone's
 - ☒ 3. everyone's
 - ☒ 4. anyone

Question ID : 5038905497

Q.10 Select the most appropriate option to substitute the underlined segments in the given sentence. If there is no need to substitute them, select 'No substitution required'.

After a close-watched meeting, the Board announced its decision to accept a 5-acre plot allotted by the state government.

- Ans
- ☒ 1. a closely-watched meeting, announced it's decision, 5-acres plot
 - ☒ 2. No substitution required
 - ☒ 3. a close-watched meeting, announced its decision, 5-acres plot
 - ☒ 4. a closely-watched meeting, announced its decision, 5-acre plot

Question ID : 5038905495

Q.11 Select the most appropriate meaning of the given idiom/ phrase.

To take to one's heels

- Ans
- ☒ 1. To turn around
 - ☒ 2. To walk leisurely
 - ☒ 3. To show one's heels
 - ☒ 4. To run off

Question ID : 5038905506

Q.12 In the following question, four sentences are given out of which three sentences are grammatically incorrect while one is correct. Find out which sentence is grammatically correct and select the appropriate option. If there is no error present, then select No error as answer.

- Ans
- ☒ 1. "Countries sponsoring, aiding, and funding terrorism must be hold accountable", he said.
 - ☒ 2. The leaders of the SCO countries has signed a joint declaration at the summit Kyrgyzstan's capital Bishkek.
 - ☒ 3. The move came at a time when the Chinese involvement in Nepal is surging, largely on the back of Beijing's BRI project.
 - ☒ 4. SCO is the largest regional organizations in the world in terms of geographical coverage and population.

Question ID : 5038905493

Q.13 Select the word which means the same as the group of words given.

Study of diseases and their causes, based on laboratory examinations

- Ans
- ☒ 1. Parasite
 - ☒ 2. Parasol
 - ☒ 3. Pantomime
 - ☒ 4. Pathology

Question ID : 5038905507

Q.14 Select the correctly spelt word

- Ans
- ☒ 1. Asymptomatic
 - ☐ 2. Asymptomatic
 - ☐ 3. Asymptomattic
 - ☐ 4. Asymptomatic

Question ID : 5038905503

Q.15 Identify the segment in the sentence which contains the grammatical error from the given options.

Because of the high prices first they discontinued jam on toasts and then substituted margarine for butter.

- Ans
- ☒ 1. and then substituted margarine for butter
 - ☐ 2. No error
 - ☐ 3. Because of the high prices
 - ☐ 4. first they discontinued jam on toasts

Question ID : 5038905494

Comprehension:

Read the following passage and answer the questions below.

In the French province of Roussillon, the widowed Countess bids farewell to her son Bertram. Bertram is going to the court of the French King with his swaggering friend Paroles and the Lord Lafeu. Bertram leaves oblivious to the attentions of Helen, the orphan daughter of the Countess's celebrated physician. Helen has been brought up in his mother's household and has fallen in love with Bertram.

The Countess allows Helen to go to court and try her hand at curing the King's illness. Where others have failed, she succeeds, and as a reward, the King asks her to choose a husband from among his wards. (Who else would she choose but Bertram?) Bertram sees the alliance as beneath him. After the marriage ceremony, he runs away and plans to join the wars in Italy with Paroles.

He writes to Helen that he will not acknowledge their marriage until she can prove she wears his heirloom ring and carries his child. Helen returns home to Roussillon, but she does not give up. Instead, she soon leaves and, disguised as a pilgrim, follows Bertram to Florence. There, she befriends a widow and her daughter Diana. Meanwhile, Bertram has formed an obsession with Diana during his time in Italy. The soldiers jokingly trick Paroles into proving he is a coward, while Bertram makes intentions to sleep with Diana.

Diana plots to help Helen fulfil Bertram's impossible requests for marriage. Diana insists the meeting with Bertram must be in the dark, and a disguised Helen takes Diana's place. During the night, Bertram gives Helen his ring (thinking that she is Diana), and they conceive a child.

SubQuestion No : 16

Q.16 Which of the following best expresses the opposite meaning to the given word "Oblivious"?

- Ans
- ☒ 1. insensible
 - ☐ 2. heedless
 - ☐ 3. concerned
 - ☐ 4. unconscious

Question ID : 5038905512

Comprehension:

Read the following passage and answer the questions below.

In the French province of Roussillon, the widowed Countess bids farewell to her son Bertram. Bertram is going to the court of the French King with his swaggering friend Paroles and the Lord Lafeu. Bertram leaves oblivious to the attentions of Helen, the orphan daughter of the Countess's celebrated physician. Helen has been brought up in his mother's household and has fallen in love with Bertram.

The Countess allows Helen to go to court and try her hand at curing the King's illness. Where others have failed, she succeeds, and as a reward, the King asks her to choose a husband from among his wards. (Who else would she choose but Bertram?) Bertram sees the alliance as beneath him. After the marriage ceremony, he runs away and plans to join the wars in Italy with Paroles.

He writes to Helen that he will not acknowledge their marriage until she can prove she wears his heirloom ring and carries his child. Helen returns home to Roussillon, but she does not give up. Instead, she soon leaves and, disguised as a pilgrim, follows Bertram to Florence. There, she befriends a widow and her daughter Diana. Meanwhile, Bertram has formed an obsession with Diana during his time in Italy. The soldiers jokingly trick Paroles into proving he is a coward, while Bertram makes intentions to sleep with Diana.

Diana plots to help Helen fulfil Bertram's impossible requests for marriage. Diana insists the meeting with Bertram must be in the dark, and a disguised Helen takes Diana's place. During the night, Bertram gives Helen his ring (thinking that she is Diana), and they conceive a child.

SubQuestion No : 17

Q.17 Why does the Countess allow Helen to go to court?

Ans

- ☐ 1. to inform the king about upcoming threat
- ☐ 2. to marry the king as she very beautiful
- ☐ 3. to please king with cooking skills
- ☒ 4. to try her hands to cure the illness of the king

TEACHERS

Question ID : 5038905510

adda247

Comprehension:

Read the following passage and answer the questions below.

In the French province of Roussillon, the widowed Countess bids farewell to her son Bertram. Bertram is going to the court of the French King with his swaggering friend Paroles and the Lord Lafeu. Bertram leaves oblivious to the attentions of Helen, the orphan daughter of the Countess's celebrated physician. Helen has been brought up in his mother's household and has fallen in love with Bertram.

The Countess allows Helen to go to court and try her hand at curing the King's illness. Where others have failed, she succeeds, and as a reward, the King asks her to choose a husband from among his wards. (Who else would she choose but Bertram?) Bertram sees the alliance as beneath him. After the marriage ceremony, he runs away and plans to join the wars in Italy with Paroles.

He writes to Helen that he will not acknowledge their marriage until she can prove she wears his heirloom ring and carries his child. Helen returns home to Roussillon, but she does not give up. Instead, she soon leaves and, disguised as a pilgrim, follows Bertram to Florence. There, she befriends a widow and her daughter Diana. Meanwhile, Bertram has formed an obsession with Diana during his time in Italy. The soldiers jokingly trick Paroles into proving he is a coward, while Bertram makes intentions to sleep with Diana.

Diana plots to help Helen fulfil Bertram's impossible requests for marriage. Diana insists the meeting with Bertram must be in the dark, and a disguised Helen takes Diana's place. During the night, Bertram gives Helen his ring (thinking that she is Diana), and they conceive a child.

SubQuestion No : 18

Q.18 The line "She soon leaves and, disguised as a pilgrim" refer to—

Ans

- ☒ 1. Diana
- ☒ 2. Countess
- ☒ 3. Helen
- ☒ 4. Widow

TEACHERS

Question ID : 5038905509

adda247

Comprehension:

Read the following passage and answer the questions below.

In the French province of Roussillon, the widowed Countess bids farewell to her son Bertram. Bertram is going to the court of the French King with his swaggering friend Paroles and the Lord Lafeu. Bertram leaves oblivious to the attentions of Helen, the orphan daughter of the Countess's celebrated physician. Helen has been brought up in his mother's household and has fallen in love with Bertram.

The Countess allows Helen to go to court and try her hand at curing the King's illness. Where others have failed, she succeeds, and as a reward, the King asks her to choose a husband from among his wards. (Who else would she choose but Bertram?) Bertram sees the alliance as beneath him. After the marriage ceremony, he runs away and plans to join the wars in Italy with Paroles.

He writes to Helen that he will not acknowledge their marriage until she can prove she wears his heirloom ring and carries his child. Helen returns home to Roussillon, but she does not give up. Instead, she soon leaves and, disguised as a pilgrim, follows Bertram to Florence. There, she befriends a widow and her daughter Diana. Meanwhile, Bertram has formed an obsession with Diana during his time in Italy. The soldiers jokingly trick Paroles into proving he is a coward, while Bertram makes intentions to sleep with Diana.

Diana plots to help Helen fulfil Bertram's impossible requests for marriage. Diana insists the meeting with Bertram must be in the dark, and a disguised Helen takes Diana's place. During the night, Bertram gives Helen his ring (thinking that she is Diana), and they conceive a child.

SubQuestion No : 19

Q.19 Which of the following statements is incorrect according to the given passage?

Ans



1. Paroles writes a letter to Helen that he will not acknowledge their marriage.



2. Diana insists the meeting with Bertram must be in the dark.

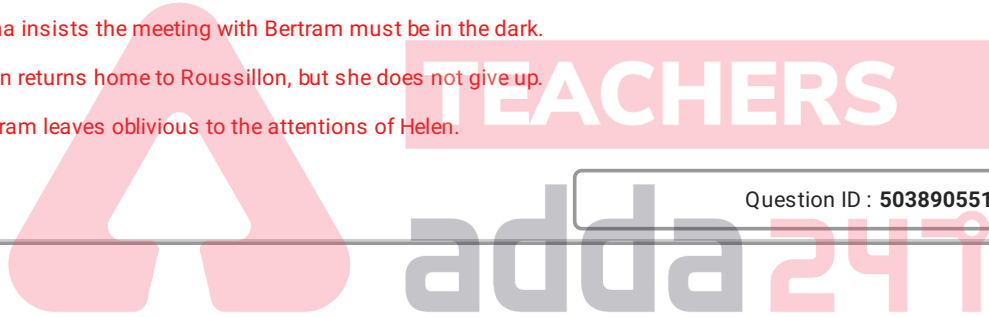


3. Helen returns home to Roussillon, but she does not give up.



4. Bertram leaves oblivious to the attentions of Helen.

Question ID : 5038905513



Comprehension:

Read the following passage and answer the questions below.

In the French province of Roussillon, the widowed Countess bids farewell to her son Bertram. Bertram is going to the court of the French King with his swaggering friend Paroles and the Lord Lafeu. Bertram leaves oblivious to the attentions of Helen, the orphan daughter of the Countess's celebrated physician. Helen has been brought up in his mother's household and has fallen in love with Bertram.

The Countess allows Helen to go to court and try her hand at curing the King's illness. Where others have failed, she succeeds, and as a reward, the King asks her to choose a husband from among his wards. (Who else would she choose but Bertram?) Bertram sees the alliance as beneath him. After the marriage ceremony, he runs away and plans to join the wars in Italy with Paroles.

He writes to Helen that he will not acknowledge their marriage until she can prove she wears his heirloom ring and carries his child. Helen returns home to Roussillon, but she does not give up. Instead, she soon leaves and, disguised as a pilgrim, follows Bertram to Florence. There, she befriends a widow and her daughter Diana. Meanwhile, Bertram has formed an obsession with Diana during his time in Italy. The soldiers jokingly trick Paroles into proving he is a coward, while Bertram makes intentions to sleep with Diana.

Diana plots to help Helen fulfil Bertram's impossible requests for marriage. Diana insists the meeting with Bertram must be in the dark, and a disguised Helen takes Diana's place. During the night, Bertram gives Helen his ring (thinking that she is Diana), and they conceive a child.

SubQuestion No : 20

Q.20 According to the given passage, who has formed obsession with Diana?

- Ans
- ☒ 1. Lafeu
 - ☒ 2. Bertram
 - ☒ 3. Countess
 - ☒ 4. Paroles

TEACHERS

Question ID : 5038905511

Section : General Hindi

Q.1 निम्नलिखित में से किस लोकोक्ति का अर्थ "किसी वस्तु का दूसरों के देखने में समाप्त हो जाना" है?

- Ans
- ☒ 1. बांह गहे की लाज।
 - ☒ 2. मियाँ की दौड़ मस्जिद तक।
 - ☒ 3. मियाँजी की दाढ़ी ताबीजों में गई।
 - ☒ 4. भुस में आग लगाकर जमालों दूर खड़ी।

Question ID : 5038905527

Q.2 निम्नलिखित में से तत्सम शब्द का चयन कीजिए-

- Ans
- ☒ 1. अम्मा
 - ☒ 2. जसोदा
 - ☒ 3. ज्योति
 - ☒ 4. चरित

Question ID : 5038905515

Q.3 निम्नलिखित में से वाक्य के प्रकार का चयन कीजिए-

भारत के पूर्वोत्तर में अनेक जनजातियों के लोग रहते हैं।

- Ans
- ☒ 1. संयुक्त वाक्य
 - ☒ 2. विस्मयादिबोधक वाक्य
 - ☒ 3. सरल वाक्य
 - ☒ 4. मिश्र वाक्य

Question ID : 5038905524

Q.4 नीचे दिया गया वाक्य निम्न में से किस वाच्य का उदाहरण है?

चलिए अब यहाँ से चला जाए।

- Ans
- ☒ 1. कर्मवाच्य
 - ☒ 2. भाववाच्य
 - ☒ 3. अकर्मवाच्य
 - ☒ 4. कर्तृवाच्य

Question ID : 5038905525

Q.5 निम्नलिखित में से स्त्रीलिंग शब्द का चयन कीजिए-

- Ans
- ☒ 1. मत्स्य
 - ☒ 2. परिचायक
 - ☒ 3. श्वेत
 - ☒ 4. खत्रानी

TEACHERS

adda247

Question ID : 5038905523

Q.6 निम्नलिखित में से "उद्यमी" का विलोम शब्द कौन-सा है?

- Ans
- ☒ 1. अनृत
 - ☒ 2. विद्यमी
 - ☒ 3. निरुद्यम
 - ☒ 4. ऋद्धि

Question ID : 5038905520

Q.7 निम्नलिखित में से शुद्ध वर्तनी वाले शब्द का चयन कीजिए-

- Ans
- ☒ 1. अतीरिक्त
 - ☒ 2. प्रश्नोत्तर
 - ☒ 3. मिमांसा
 - ☒ 4. झुर्रियाँ

Question ID : 5038905519

Q.8 दिए गए वाक्यांश के लिए एक शब्द का चयन कीजिए-

वह नायिका जिसका पति परदेश से लौटा हो-

- Ans
- ☐ 1. आक्रान्त
 - ☐ 2. आप्नेय
 - ☐ 3. अप्रगल्भ
 - ☒ 4. आगतपतिका

Question ID : 5038905521

Q.9 निम्नलिखित में से शुद्ध वाक्य का चयन कीजिए-

- Ans
- ☐ 1. जल्दी से माला गुँथ कर लाओ।
 - ☐ 2. तूफान आने का संदेह है।
 - ☒ 3. हमें भाषा का अच्छा ज्ञान होना चाहिए।
 - ☐ 4. भ्रष्टाचार गहरी समस्या है।

Question ID : 5038905522

Q.10 निम्नलिखित में से मुहावरा "तोते की तरह आँखें फेरना" का क्या अर्थ है?

- Ans
- ☐ 1. बहुत ही शीघ्र उड़ने लगना।
 - ☐ 2. लड़ने के लिए तत्पर रहना।
 - ☐ 3. किसी चक्कर में पड़ जाना।
 - ☒ 4. पुराने सम्बंधों को एकदम भुला देना।

Question ID : 5038905526

Q.11 नीचे दिए गए वाक्य में किस चिन्ह का प्रयोग किया गया है?

मनुष्य – जीवन की सार्थकता मनोवेगों के कारण होती है।

- Ans
- ☐ 1. पूर्णविराम चिन्ह एवं अर्द्धविराम चिन्ह
 - ☐ 2. अल्पविराम चिन्ह एवं पूर्णविराम चिन्ह
 - ☒ 3. योजक चिन्ह एवं पूर्णविराम चिन्ह
 - ☐ 4. उद्धरण चिन्ह एवं योजक चिन्ह

Question ID : 5038905528

Q.12 निम्नलिखित में से "स्वावलम्बन" का पर्यायवाची शब्द कौन-सा है?

- Ans
- ☐ 1. शार्दूल
 - ☐ 2. वारंगना
 - ☐ 3. वसन
 - ☒ 4. आत्माश्रय

Question ID : 5038905518

Q.13 निम्नलिखित में से "पाप-पुण्य" में कौन-सा समास है?

- Ans
- ☒ 1. द्वन्द्व समास
 - ☐ 2. बहुब्रीहि समास
 - ☐ 3. कर्मधारय समास
 - ☐ 4. द्विगु समास

Question ID : 5038905516

Q.14 निम्नलिखित में से "कारागार" में कौन-सी संधि है?

- Ans
- ☐ 1. विसर्ग संधि
 - ☐ 2. यण संधि
 - ☒ 3. दीर्घ संधि
 - ☐ 4. अयादि संधि

Question ID : 5038905514

Q.15 निम्नलिखित में से कौन-सा शब्द भाववाचक संज्ञा का उदाहरण नहीं है?

- Ans
- ☐ 1. गंभीरता
 - ☐ 2. पागलपन
 - ☐ 3. घनिष्ठता
 - ☒ 4. बगीचा

Question ID : 5038905517

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

जिस देश के निवासी अपने देश के कल्याण में अपना कल्याण, देश के अभ्युदय में अपना अभ्युदय, देश के कष्टों में अपना कष्ट, और देश की समृद्धि में अपनी सुख-समृद्धि समझते हैं, वह देश उत्तरोत्तर उन्नतशील होता है, अन्य देशों के सामने गौरव से अपना मस्तक ऊँचा कर सकता है। देश की सामाजिक और आर्थिक उन्नति के लिए देशवासियों का देशभक्त होना नितांत आवश्यक है। जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है, वही देश प्रगतिशील होता है, और इसी के माध्यम से वह सतत उन्नत करते चला जाता है।

SubQuestion No : 16

Q.16 निम्नलिखित में से उपर्युक्त गद्यांश का उचित शीर्षक कौन-सा है?

- Ans
- ☐ 1. प्रगतिशील एवं विकासशील देश।
 - ☐ 2. देशवासियों का देशद्रोही होना।
 - ☐ 3. देश-भक्ति का जुनून।
 - ☒ 4. देश की समृद्धि में उसके नागरिकों का योगदान।

Question ID : 5038905530

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

जिस देश के निवासी अपने देश के कल्याण में अपना कल्याण, देश के अभ्युदय में अपना अभ्युदय, देश के कष्टों में अपना कष्ट, और देश की समृद्धि में अपनी सुख- समृद्धि समझते हैं, वह देश उत्तरोत्तर उन्नतशील होता है, अन्य देशों के सामने गौरव से अपना मस्तक ऊँचा कर सकता है। देश की सामाजिक और आर्थिक उन्नति के लिए देशवासियों का देशभक्त होना नितांत आवश्यक है। जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है, वही देश प्रगतिशील होता है, और इसी के माध्यम से वह सतत उन्नत करते चला जाता है।

SubQuestion No : 17

Q.17 उपर्युक्त गद्यांश के अनुसार किसी देश की उन्नति _____ निर्भर करती है।

- Ans
- ☒ 1. उसके नागरिकों की भ्रष्टाचारी पर।
 - ☒ 2. उसके नागरिकों की देश-भक्ति पर।
 - ☒ 3. उसके नागरिकों की आयु पर।
 - ☒ 4. उसके नागरिकों की स्वार्थ पूर्ति पर।

Question ID : 5038905534

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

जिस देश के निवासी अपने देश के कल्याण में अपना कल्याण, देश के अभ्युदय में अपना अभ्युदय, देश के कष्टों में अपना कष्ट, और देश की समृद्धि में अपनी सुख- समृद्धि समझते हैं, वह देश उत्तरोत्तर उन्नतशील होता है, अन्य देशों के सामने गौरव से अपना मस्तक ऊँचा कर सकता है। देश की सामाजिक और आर्थिक उन्नति के लिए देशवासियों का देशभक्त होना नितांत आवश्यक है। जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है, वही देश प्रगतिशील होता है, और इसी के माध्यम से वह सतत उन्नत करते चला जाता है।

SubQuestion No : 18

Q.18 निम्नलिखित में से "अभ्युदय" का विलोम शब्द क्या है?

- Ans
- ☒ 1. वृद्धि
 - ☒ 2. उन्नति
 - ☒ 3. पतन
 - ☒ 4. उदय

Question ID : 5038905532

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

जिस देश के निवासी अपने देश के कल्याण में अपना कल्याण, देश के अभ्युदय में अपना अभ्युदय, देश के कष्टों में अपना कष्ट, और देश की समृद्धि में अपनी सुख- समृद्धि समझते हैं, वह देश उत्तरोत्तर उन्नतशील होता है, अन्य देशों के सामने गौरव से अपना मस्तक ऊँचा कर सकता है। देश की सामाजिक और आर्थिक उन्नति के लिए देशवासियों का देशभक्त होना नितांत आवश्यक है। जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है, वही देश प्रगतिशील होता है, और इसी के माध्यम से वह सतत उन्नत करते चला जाता है।

SubQuestion No : 19

Q.19 उपर्युक्त गद्यांश के अनुसार, किसी देश के शक्तिशाली होने के लिए आवश्यक है कि उसके नागरिक _____।

Ans

☒ 1. स्वार्थ रहित हो।

☐ 2. बलिदान देने के लिए सदैव तत्पर हो।

☐ 3. स्वार्थी हो।

☐ 4. हष्ट-पुष्ट हो।

Question ID : 5038905531

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

जिस देश के निवासी अपने देश के कल्याण में अपना कल्याण, देश के अभ्युदय में अपना अभ्युदय, देश के कष्टों में अपना कष्ट, और देश की समृद्धि में अपनी सुख- समृद्धि समझते हैं, वह देश उत्तरोत्तर उन्नतशील होता है, अन्य देशों के सामने गौरव से अपना मस्तक ऊँचा कर सकता है। देश की सामाजिक और आर्थिक उन्नति के लिए देशवासियों का देशभक्त होना नितांत आवश्यक है। जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है, वही देश प्रगतिशील होता है, और इसी के माध्यम से वह सतत उन्नत करते चला जाता है।

SubQuestion No : 20

Q.20 उपर्युक्त गद्यांश के संदर्भ में कौन-सा कथन पूर्णतया सही है?

Ans

☐ 1. जिस देश में बालक और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन और धन न्यौछावर कर देते हैं, वही देश कमजोर होता है।

☒ 2. जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन, धन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है।

☐ 3. जिस देश में बालक, वृद्ध, नारियाँ और युवक अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन और धन न्यौछावर नहीं करते हैं, वही देश शक्तिशाली होता है।

☐ 4. जिस देश में केवल बालक एवं नारियाँ अपने राष्ट्र की बलिवेदी पर अपने स्वार्थों को चढ़ाकर उस पर तन, मन न्यौछावर कर देते हैं, वही देश शक्तिशाली होता है।

Question ID : 5038905533

Section : Discipline1

Q.1 With which of the following is the book "Systema Naturae" associated with?

Ans

☐ 1. Natural selection

☐ 2. Classification of flora

☒ 3. Classification of plants and animals

☐ 4. Human body mechanism

Question ID : 5038905539

Q.2 ICBN makes the rules for nomenclature. Here ICBN stands for-

- Ans ☒ 1. International Code for Botanical Nomenclature
☐ 2. International Committee of Botanical Nomenclature
☐ 3. International Committee of Biological nomenclature
☐ 4. International Code for Biological Nomenclature

Question ID : 5038905537

Q.3 Consider the following:

1. This part of the plant bears both the nodes and internodes
2. It is generally green when young, but changes colour later.

Which of the following parts has been described?

- Ans ☐ 1. Bud
☐ 2. Root
☐ 3. Flower
☒ 4. Stem

Question ID : 5038905548

Q.4 Solanum tuberosum is the scientific name of _____.

- Ans ☒ 1. Potato
☐ 2. Brinjal
☐ 3. Cabbage
☐ 4. Tomato

Question ID : 5038905540

Q.5 Which of the following flowers is zygomorphic?

- Ans ☐ 1. Chilli
☐ 2. Mustard
☐ 3. Datura
☒ 4. Gulmohur

Question ID : 5038905552

Q.6 We can eat the roots of many plants. Which of the following is an example of a plant with edible roots?

- Ans ☐ 1. Potato
☒ 2. Sweet potato
☐ 3. Wheat
☐ 4. Mango

Question ID : 5038905543

Q.7 The alternation of generation in Obelia is termed as _____.

- Ans ☒ 1. Metagenesis
☐ 2. Metamerism
☐ 3. Metamorphosis
☐ 4. Dimorphism

Question ID : 5038905554

Q.8 Families are characterised on the basis of:

1. Vegetative features of plant species
2. Reproductive feature of plant species

- Ans ☐ 1. Neither 1 nor 2
☐ 2. 2 only
☐ 3. 1 only
☒ 4. Both 1 and 2

Question ID : 5038905541

Q.9 Reproduction is a method by which one organism can produce their offspring, it can occur within members of -

- Ans ☐ 1. Family
☐ 2. Order
☒ 3. Species
☐ 4. Genus

Question ID : 5038905542

Q.10 Pith is the anatomical part of plant, which is well developed in _____.

- Ans ☐ 1. Monocot root and Dicot root
☐ 2. Monocot root and monocot stem
☐ 3. Dicot root and monocot stem
☒ 4. Monocot root and Dicot stem

Question ID : 5038905553

Q.11 The organism that does not reproduce is-

- Ans ☐ 1. Cockroach
☒ 2. Mule
☐ 3. Spirogyra
☐ 4. Fungi

Question ID : 5038905535

Q.12 Which of the following is known as the 'potato-family'?

- Ans
- ☐ 1. Fabaceae
 - ☐ 2. Brassicaceae
 - ☒ 3. Solanaceae
 - ☐ 4. Liliaceae

Question ID : 5038905551

Q.13 _____ has formalised Binomial Nomenclature.

- Ans
- ☐ 1. Mendel
 - ☐ 2. Robert Hooke
 - ☐ 3. Charles Darwin
 - ☒ 4. Carolus Linnaeus

Question ID : 5038905538

Q.14 Which plant is seen growing in swampy areas with many roots coming out of the ground and growing vertically upwards?

- Ans
- ☐ 1. Monstera
 - ☐ 2. Banyan tree
 - ☐ 3. Mirabilis
 - ☒ 4. Rhizophora

Question ID : 5038905545

Q.15 In which of the following plants, the primary root is short lived and is replaced by a large number of roots. These roots originate from the base of the stem and constitute the fibrous root system.

- Ans
- ☒ 1. Monocotyledons
 - ☐ 2. Bryophyta
 - ☐ 3. Gymnosperm
 - ☐ 4. Dicotyledons

Question ID : 5038905544

Q.16 Who has authored the book "Anatomy of Seed Plants"?

- Ans
- ☐ 1. Susan E. Eichhorn
 - ☒ 2. Katherine Esau
 - ☐ 3. Vernon Cheadle
 - ☐ 4. Ray F. Evert

Question ID : 5038905546

Q.17 Which of the following is incorrectly matched?

- Ans ☒ 1. Gynoecium - Composed of stamens
☐ 2. Calyx - outermost whorl of the flower
☐ 3. Corolla - brightly coloured to attract insects
☐ 4. Placentation - Arrangement of ovules within the ovary

Question ID : 5038905550

Q.18 There are different branches of science. Which of the following branches of science deals with identification, nomenclature, and classification of organisms?

- Ans ☐ 1. Environmental science
☐ 2. Ecology
☒ 3. Taxonomy
☐ 4. Genetics

Question ID : 5038905536

Q.19 The region of the stem from where leaves are born is called-

- Ans ☐ 1. Bud
☐ 2. Gemmule
☐ 3. Internodes
☒ 4. Nodes

Question ID : 5038905547

Q.20 Consider the following:

1. When the incisions of the lamina reach up to the midrib breaking it into a number of leaflets, the leaf is called compound.
2. Phyllotaxy is the pattern of arrangement of leaves on the stem or branch.

Which of the above is incorrect?

- Ans ☐ 1. Both 1 and 2
☐ 2. Only 1
☐ 3. Only 2
☒ 4. Neither 1 nor 2

Question ID : 5038905549

Q.1 A gravid proglottid has-

- Ans
- ☐ 1. A fully developed male reproductive unit
 - ☐ 2. An under-developed female reproductive unit
 - ☒ 3. Branched uterus filled with fertilised eggs
 - ☐ 4. Only female organs are well developed

Question ID : 5038905555

Q.2 Which of the following parasites show alternation of generation and alternation of host in its life cycle?

- 1. Fasciola
- 2. Taenia

- Ans
- ☐ 1. Both 1 and 2
 - ☐ 2. Only 2
 - ☒ 3. Only 1
 - ☐ 4. Neither 1 nor 2

Question ID : 5038905556

Q.3 _____ is the process where the microspores are formed from a pollen mother cell (PMC).

- Ans
- ☐ 1. Exine
 - ☐ 2. Microspore tetrad
 - ☐ 3. Pollen grains
 - ☒ 4. Microsporogenesis

Question ID : 5038905573

Q.4 Human haemoglobin is a quaternary protein, the structure of which is described as-

- Ans
- ☐ 1. Tetramer of four different subunits
 - ☒ 2. Tetramer of two different subunits
 - ☐ 3. Tetramer of identical peptide subunits
 - ☐ 4. Dimer of two myoglobin dimers

Question ID : 5038905565

Q.5 Which of the following can create electric-fields?

- Ans
- ☐ 1. Dolphins
 - ☒ 2. Torpedoes
 - ☐ 3. Porpoises
 - ☐ 4. Turtles

Question ID : 5038905561

Q.6 Synthesis of mRNA on DNA template is:

- Ans
- ☒ 1. Bidirectional
 - ☒ 2. Unidirectional
 - ☐ 3. Bi-directional with the help of Primer
 - ☐ 4. Uni-directional with the help of primer

Question ID : 5038905572

Q.7 Which of the following works helped to establish the relationship of a gene to control synthesis of one enzyme?

- Ans
- ☒ 1. The work of George Beadle and Edward Tatum during 1930s on the mould *Neurospora crassa*
 - ☐ 2. The work of Johansen and Edward Tatum during 1930s on the mould *Neurospora crassa*
 - ☐ 3. The work of Bateson and Edward Tatum during 1930s on the mould *Neurospora crassa*
 - ☐ 4. The work of Morgan and Edward Tatum during 1930s on the mould *Neurospora crassa*

Question ID : 5038905568

Q.8 Lactose is the substrate for which of the following enzyme ?

- Ans
- ☒ 1. Beta-galactosidase
 - ☐ 2. Glucosidases
 - ☐ 3. Galactose
 - ☐ 4. Beta-glucuronidase

Question ID : 5038905574

Q.9 With the help of _____ diagram, production of gametes by the parents, the formation of the zygotes, the F1 and F2 plants can be understood.

- Ans
- ☐ 1. Heterozygous
 - ☒ 2. Punnett Square
 - ☐ 3. Monohybrid Cross
 - ☐ 4. Test Cross

Question ID : 5038905566

Q.10 Which of the following removes the RNA primers from the lagging strand?

- Ans
- ☒ 1. DNA polymerase I
 - ☐ 2. 3'→5' exonuclease
 - ☐ 3. DNA polymerase III
 - ☐ 4. DNA ligase

Question ID : 5038905570

Q.11 Consider the following statements -

1. This type of Immunoglobulin is a type of antibody representing approximately 75% of serum antibodies in humans.
2. It is present in most abundant quantity in the blood circulation

Which type of immunoglobulin is being talked about?

- Ans
- ☒ 1. IgG
 - ☐ 2. IgM
 - ☐ 3. IgE
 - ☐ 4. IgD

Question ID : 5038905564

Q.12 What term is used for nephridia which discharge their excretory products into the lumen of gut?

- Ans
- ☐ 1. Holocrine
 - ☐ 2. Exonephric
 - ☒ 3. Enteronephric
 - ☐ 4. Exocrine

Question ID : 5038905558

Q.13 The breathing of blue whales occurs through-

- Ans
- ☐ 1. Skin
 - ☐ 2. Gill
 - ☒ 3. Blowhole
 - ☐ 4. Nose

Question ID : 5038905562

Q.14 Which of the following shows the characteristics of torsion?

- Ans
- ☒ 1. Gastropoda
 - ☐ 2. Cephalopoda
 - ☐ 3. Aplacophora
 - ☐ 4. Monaplacophora

Question ID : 5038905557

Q.15 Consider the following animals -1. Cartilaginous fishes

2. Frogs
3. Crocodiles

Which of the above animals' heart auricle consist of single chamber?

- Ans
- ☒ 1. Only 1
 - ☐ 2. Only 3
 - ☐ 3. Only 1 and 2
 - ☐ 4. Only 2 and 3

Question ID : 5038905559

Q.16 How many occipital condyle (s) should be there in the skull of a snake?

- Ans
- ☐ 1. Two
 - ☐ 2. Nil
 - ☐ 3. Three
 - ☒ 4. One

Question ID : 5038905563

Q.17 The jawless vertebrates are known as-

- Ans
- ☐ 1. Osteichthyes
 - ☐ 2. Dipnoi
 - ☐ 3. Chondrichthyes
 - ☒ 4. Agnatha

Question ID : 5038905560

Q.18 The factors or gene on chromosome regulating the physical expression of the characters is called _____.

- Ans
- ☐ 1. Co-dominance
 - ☐ 2. Genotype
 - ☒ 3. Phenotype
 - ☐ 4. Allele

Question ID : 5038905567

Q.19 Which of the following is the phenomena where different genes interact with each other in a way that influences the phenotype?

- Ans
- ☐ 1. Pleiotropy
 - ☐ 2. Incomplete dominance
 - ☒ 3. Epistasis
 - ☐ 4. Codominance

Question ID : 5038905569

Q.20 Action of topoisomerase leads to change in _____.

- Ans
- ☒ 1. Linking number of closed circular double stranded DNA
 - ☐ 2. Linking number of closed circular single stranded DNA
 - ☐ 3. Linking number of double stranded linear DNA
 - ☐ 4. Linking number of linear single stranded DNA

Question ID : 5038905571

Q.1 The testosterone producing cells of the testes are called-

- Ans
- ☒ 1. Spermatogonia
 - ☒ 2. Granulosa cells
 - ☒ 3. Sertoli cells
 - ☒ 4. Leydig cells

Question ID : 5038905588

Q.2 Pollen grains are generally spherical measuring about _____ in diameter.

- Ans
- ☒ 1. 25-50 Micrometers
 - ☒ 2. 50-75 Micrometers
 - ☒ 3. 75-100 Micrometers
 - ☒ 4. More than 100 Micrometers

Question ID : 5038905583

Q.3 Cells found in the choroid plexus that secrete cerebrospinal fluid are-

- Ans
- ☒ 1. Astrocytes
 - ☒ 2. Oligodendrocytes
 - ☒ 3. Microglia
 - ☒ 4. Ependymal cells

Question ID : 5038905593

Q.4 _____ is the release of secondary oocyte from the ovary.

- Ans
- ☒ 1. Fertilization
 - ☒ 2. Oogenesis
 - ☒ 3. Ovulation
 - ☒ 4. Spermatogenesis

Question ID : 5038905590

Q.5 Nerve impulses are carried from the eye to the brain by the-

- Ans
- ☒ 1. Optic nerve
 - ☒ 2. Rod and cone cell
 - ☒ 3. Bipolar cell
 - ☒ 4. Cornea

Question ID : 5038905592

Q.6 Gene is the unit of inheritance that controls a specific trait or character and may also be expressed in alternative forms known as _____.

- Ans
- ☒ 1. Alleles
 - ☐ 2. Central Dogma
 - ☐ 3. Phenotypes
 - ☐ 4. Codominance

Question ID : 5038905575

Q.7 Mendel proposed two general rules to consolidate his understanding of inheritance in monohybrid crosses. The law consists of which of the following?

- I. Law of Dominance
- II. Law of Segregation
- III. Law of Hereditary

- Ans
- ☒ 1. Both I and II
 - ☐ 2. Both II and III
 - ☐ 3. Only I
 - ☐ 4. I, II and III

Question ID : 5038905577

Q.8 Which part of pollen grains contain sporo-pollenin?

- Ans
- ☐ 1. Intine
 - ☒ 2. Exine
 - ☐ 3. Pollen cytoplasm
 - ☐ 4. Tapetum

Question ID : 5038905578

Q.9 Oxytocin is secreted by the _____.

- Ans
- ☐ 1. Adenohypophysis
 - ☐ 2. Zona glomerulosa
 - ☒ 3. Neurohypophysis
 - ☐ 4. Pars intermedia

Question ID : 5038905591

Q.10 Cells of the tapetum possess dense cytoplasm and generally have _____.

- Ans
- ☒ 1. More than One Nucleus
 - ☐ 2. More than Three Nucleus
 - ☐ 3. More than Two Nucleus
 - ☐ 4. More than Four Nucleus

Question ID : 5038905585

Q.11 Which of the following describes the process of Apomixis?

- Ans
- ☒ 1. Production of seeds as result of sexual reproduction
 - ☒ 2. Production of seeds without fertilisation
 - ☒ 3. Production of seeds after fertilisation
 - ☒ 4. No production of seeds even after sexual reproduction

Question ID : 5038905579

Q.12 An antrum is characteristic of _____ follicle.

- Ans
- ☒ 1. Bone marrow
 - ☒ 2. Primary
 - ☒ 3. Graafian
 - ☒ 4. Secondary

Question ID : 5038905589

Q.13 A neuron with many short dendrites and a single long axon is a-

- Ans
- ☒ 1. Unipolar neuron
 - ☒ 2. Bipolar neuron
 - ☒ 3. Multipolar neuron
 - ☒ 4. Varies from region to region

Question ID : 5038905594

Q.14 The process of formation of megaspores from the megaspore mother cell is called-

- Ans
- ☒ 1. Megasporangium
 - ☒ 2. Megasporexis
 - ☒ 3. Megasporonium
 - ☒ 4. Megasporogenesis

Question ID : 5038905582

Q.15 Without associating transiently with initiation-factor (σ) and termination-factor (ρ), the RNA polymerase is only capable of catalysing which of the following process?

- 1. Initiation
- 2. Elongation
- 3. Termination

- Ans
- ☒ 1. Only 2
 - ☒ 2. Only 1
 - ☒ 3. 1,2 and 3
 - ☒ 4. Only 3

Question ID : 5038905586

Q.16 Human chorionic gonadotropin:

- Ans
- ☐ 1. Begins to be produced four months after fertilization
 - ☐ 2. Is produced by Corpus luteum
 - ☒ 3. Is present only if a successful fertilization has occurred
 - ☐ 4. Is produced by the prostate gland

Question ID : 5038905587

Q.17 Sutton united the knowledge of chromosomal segregation with Mendelian principles and called it the _____.

- Ans
- ☒ 1. Chromosomal theory of inheritance
 - ☐ 2. Chromosomal theory of Behaviour
 - ☐ 3. Chromosomal theory of Segregation
 - ☐ 4. Chromosomal theory of Hereditary

Question ID : 5038905580

Q.18 The Generative Cell of the pollen grain divides to form -

- Ans
- ☐ 1. Five Male Gametes
 - ☐ 2. Three Male Gametes
 - ☐ 3. Four Male Gametes
 - ☒ 4. Two Male Gametes

Question ID : 5038905584

Q.19 Polyembryony Means:

- I. Occurrence of Single Embryo in the seed
- II. No occurrence of embryo in the seed
- III. Occurrence of more than one embryo in the seed

- Ans
- ☐ 1. I and III only
 - ☒ 2. Only III
 - ☐ 3. Only I
 - ☐ 4. Only II

Question ID : 5038905581

Q.20 The total DNA content in one complete set of chromosomes (including all the genes and other parts of DNA) is called a _____.

- Ans
- ☐ 1. Cytoplasm
 - ☒ 2. Genome
 - ☐ 3. Prokaryote Genome
 - ☐ 4. Eukaryotic Genome

Question ID : 5038905576

Q.1 Which of the following methods of conservation of biodiversity is used only for threatened animals and plants?

- Ans
- ☐ 1. Biosphere Reserves
 - ☐ 2. In Situ conservation
 - ☒ 3. Ex Situ conservation
 - ☐ 4. National parks

Question ID : 5038905604

Q.2 The term living fossil refers to a-

- Ans
- ☐ 1. Life like fossil well preserved in amber
 - ☐ 2. Living animal which is about to be fossilized
 - ☐ 3. Fossil formed from a living animal
 - ☒ 4. Living organisms showing some very primitive characters

Question ID : 5038905610

Q.3 Consider the following gases -

- a. Carbon dioxide
- b. Methane
- c. CFCs
- d. Nitrous Oxide

Arrange these gases according to the descending order of their relative contribution to total global warming.

- Ans
- ☐ 1. dcba
 - ☒ 2. abcd
 - ☐ 3. adcb
 - ☐ 4. acbd

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Question ID : 5038905609

Q.4 Which of the following best describes the Alpha Diversity?

- 1. The diversity of organisms sharing the same habitat or community
- 2. The diversity of organisms which do not share the same habitat or community
- 3. The diversity of organisms which has no preference for sharing the same habitat or community

- Ans
- ☐ 1. Only 3
 - ☒ 2. Only 1
 - ☐ 3. Neither 1, nor 2, nor 3
 - ☐ 4. Only 2

Question ID : 5038905603

Q.5 From which of the following structures is the secondary oocyte ovulated?

- Ans
- ☐ 1. Primary follicle
 - ☐ 2. Germinal epithelium
 - ☒ 3. Graafian follicle
 - ☐ 4. Corpus luteum

Question ID : 5038905614

Q.6 Which of the following parts of the human body is effected the most due to the fluoride pollution?

- Ans
- ☐ 1. Eyes
 - ☐ 2. Liver
 - ☐ 3. Pancreas
 - ☒ 4. Teeth

Question ID : 5038905602

Q.7 Syphilis is caused by which of the following bacterium?

- Ans
- ☒ 1. Treponema pallidum
 - ☐ 2. Spirochaetales
 - ☐ 3. Spirochaetes
 - ☐ 4. Leptospira interrogans

Question ID : 5038905599

Q.8 Which one among the following is the most important factor in speciation?

- Ans
- ☐ 1. Ethological isolation
 - ☐ 2. Ecological isolation
 - ☒ 3. Reproductive isolation
 - ☐ 4. Geographical isolation

Question ID : 5038905611

Q.9 Which of the following best represents the approximate temperature of Cryopreservation?

- Ans
- ☐ 1. -140°C
 - ☐ 2. 0°C
 - ☐ 3. -130°C
 - ☒ 4. -196°C

Question ID : 5038905606

Q.10 The process that sperm undergoes in female genital tract of mammals before fertilization is called-

- Ans
- ☐ 1. Activation
 - ☐ 2. Deactivation
 - ☐ 3. Decapacitation
 - ☒ 4. Capacitation

Question ID : 5038905596

Q.11 Which of the following phrase is used for Eichhornia Crassipes?

- Ans
- ☐ 1. Terror of South
 - ☐ 2. Terror of Bombay
 - ☐ 3. Terror of North
 - ☒ 4. Terror of Bengal

Question ID : 5038905600

Q.12 Nilgiri was the first biosphere reserve of India. It was established in which year?

- Ans
- ☐ 1. 1998
 - ☒ 2. 1986
 - ☐ 3. 1999
 - ☐ 4. 1988

Question ID : 5038905605

Q.13 Which of the following can be a reason for biodiversity losses?

- 1. Alien species invasion
- 2. Co-extinctions

- Ans
- ☐ 1. Neither 1 nor 2
 - ☒ 2. Both 1 and 2
 - ☐ 3. Only 1
 - ☐ 4. Only 2

Question ID : 5038905608

Q.14 _____ is produced mainly by the Corpus luteum in the ovary following ovulation.

- Ans
- ☐ 1. FSH
 - ☒ 2. Progesterone
 - ☐ 3. hCG
 - ☐ 4. LH

Question ID : 5038905613

Q.15 Fertilization of human egg most often takes place in the _____.

- Ans
- ☐ 1. Uterus
 - ☐ 2. Cervix
 - ☒ 3. Ampulla
 - ☐ 4. Ovary

Question ID : 5038905612

Q.16 Which of the following diseases was caused due to the fish contamination with mercury?

- Ans
- ☒ 1. Minamata Disease
 - ☐ 2. Yokkaichi asthma
 - ☐ 3. Itai-Itai Disease
 - ☐ 4. Argyria

Question ID : 5038905601

Q.17 Which of the following term is used to categorise the species which is at the highest risk of extinction in near future?

- Ans
- ☐ 1. Link species
 - ☐ 2. Vulnerable
 - ☒ 3. Critically endangered
 - ☐ 4. Rare

Question ID : 5038905607

Q.18 The process in which the three germ layers form is called-

- Ans
- ☐ 1. Cleavage
 - ☐ 2. Organogenesis
 - ☒ 3. Gastrulation
 - ☐ 4. Fertilization

Question ID : 5038905597

Q.19 Coelom is formed from-

- Ans
- ☐ 1. Endoderm
 - ☒ 2. Mesoderm
 - ☐ 3. Cnidoblast
 - ☐ 4. Ectoderm

Question ID : 5038905598

Q.20 Which hormone from the hypothalamus stimulates the release of FSH from the anterior pituitary?

- Ans
- ☐ 1. Oxytocin
 - ☐ 2. Progesterone
 - ☐ 3. luteinizing hormone
 - ☒ 4. GnRH

Question ID : 5038905595

Q.1 Cells that release histamine and other vasoactive substances in response to allergens are-

- Ans
- ☒ 1. Mast cells
 - ☐ 2. NK cell
 - ☐ 3. Macrophages
 - ☐ 4. Neutrophils

Question ID : 5038905620

Q.2 What is the principal health concern of Ozone depletion in the Stratosphere?

- Ans
- ☐ 1. Hadley cell
 - ☐ 2. Ilankovitch cycle
 - ☒ 3. Cancer and other damage to the skin
 - ☐ 4. Temperature inversions

Question ID : 5038905617

Q.3 Who was the founder of the 'Madras school' of conformational analysis of biopolymers?

- Ans
- ☐ 1. S. S. Bhatnagar
 - ☐ 2. H. G. Khorana
 - ☐ 3. Anna Mani
 - ☒ 4. G. N. Ramachandran

Question ID : 5038905627

Q.4 Who discovered Restriction endonuclease enzymes?

- Ans
- ☒ 1. Smith and Nathans
 - ☐ 2. Fleming
 - ☐ 3. Baiger
 - ☐ 4. Waxman

Question ID : 5038905630

Q.5 Consider the options and determine which of the following is not component of yeast artificial chromosome?

- Ans
- ☐ 1. Centromere
 - ☐ 2. Telomere
 - ☐ 3. Origin of replication
 - ☒ 4. COS site

Question ID : 5038905629

Q.6 Secretion of adrenaline hormone causes nervousness and irritability as an effect of which of the following?

- Ans
- ☐ 1. Land Pollution
 - ☒ 2. Noise Pollution
 - ☐ 3. Air Pollution
 - ☐ 4. Water Pollution

Question ID : 5038905615

Q.7 Which part connects foetus to placenta?

- Ans
- ☐ 1. Chorion
 - ☐ 2. Amnion
 - ☒ 3. Umbilical cord
 - ☐ 4. Yolk sac

Question ID : 5038905633

Q.8 Ecological Pyramids can determine _____.

- Ans
- ☐ 1. The energy which the different organism show in the different atmosphere
 - ☐ 2. The level at which different organisms stand in the food chain
 - ☒ 3. The energy and biomass relationship between the organisms at different trophic levels
 - ☐ 4. The life cycle of an organism

Question ID : 5038905625

Q.9 Which cells are most affected by AIDS?

- Ans
- ☐ 1. Neutrophils
 - ☒ 2. T-cells
 - ☐ 3. Monocytes
 - ☐ 4. B-cells

Question ID : 5038905631

Q.10 Which of the following are organisms that completely lack a cell wall and are the smallest living cells known and can survive without oxygen?

- Ans
- ☐ 1. Cyanobacteria
 - ☒ 2. Mycoplasma
 - ☐ 3. Eubacteria
 - ☐ 4. Heterocysts

Question ID : 5038905634

Q.11 Allergy and anaphylaxis are due to-

- Ans
- ☒ 1. IgM
 - ☒ 2. IgA
 - ☒ 3. IgE
 - ☒ 4. IgG

Question ID : 5038905619

Q.12 In 1838 _____ and _____ formulated the "cell theory."

- Ans
- ☒ 1. Robert Hooke, Anton Van Leeuwenhoek
 - ☒ 2. M.J. Schleiden, Theodore Schwann
 - ☒ 3. Theodore Schwann, Robert Hooke
 - ☒ 4. Anton Van Leeuwenhoek, M.J. Schleiden

Question ID : 5038905623

Q.13 Mendel would have explained the Law of independent assortment, if _____ was known at his time.

- Ans
- ☒ 1. Linkage
 - ☒ 2. Heterogamete
 - ☒ 3. Autosomes
 - ☒ 4. Recombination

Question ID : 5038905632

Q.14 An endemic species is _____.

- Ans
- ☒ 1. One found only on island
 - ☒ 2. One found in many different geographic areas
 - ☒ 3. One found naturally in just one geographic area
 - ☒ 4. One that has been introduced to a new geographic area

Question ID : 5038905616

Q.15 When was the concept of Joint Forest Movement (JFM) launched in India?

- Ans
- ☒ 1. 1980s
 - ☒ 2. 1970s
 - ☒ 3. 1960s
 - ☒ 4. 1990s

Question ID : 5038905618

Q.16 Asterias and Ophiura are examples of _____.

- Ans
- ☒ 1. Phylum - Chordata
 - ☒ 2. Phylum - Echinodermata
 - ☒ 3. Phylum - Hemichordata
 - ☒ 4. Phylum - Arthropoda

Question ID : 5038905624

Q.17 Which of the following statements is incorrect regarding Bt Cotton?

- I. Bt stands for Bacillus thuringiensis
- II. The strains contain crystals which contain a toxic insecticidal protein

- Ans
- ☒ 1. Neither I nor II
 - ☒ 2. Only I
 - ☒ 3. Only II
 - ☒ 4. Both I and II

Question ID : 5038905626

Q.18 In a chromosome there is a specific DNA sequence which is responsible for initiating replication. What is it called?

- Ans
- ☒ 1. Promotor
 - ☒ 2. Plasmid
 - ☒ 3. Operator
 - ☒ 4. Origin of replication

Question ID : 5038905628

Q.19 In which temperature range enzymes are most functional?

- Ans
- ☒ 1. 35° - 40°C
 - ☒ 2. 50° - 60°C
 - ☒ 3. -15° - -25°C
 - ☒ 4. 10° - 80°C

Question ID : 5038905622

Q.20 Which of the following secondary metabolite is a toxin?

- Ans
- ☒ 1. Carotenoids
 - ☒ 2. Curcumin
 - ☒ 3. Morphine
 - ☒ 4. Ricin

Question ID : 5038905621

Q.1 Which is the first visceral arch?

- Ans ☒ 1. Mandibular arch
☐ 2. Hyoid arch
☐ 3. Branchial arch
☐ 4. Aortic arch

Question ID : 5038905654

Q.2 Which one of the following will represent low stability and high resilience?

- Ans ☐ 1. An ecosystem which can be easily damaged and cannot recover even after damaging effect stops
☐ 2. An ecosystem which cannot be damaged at all
☐ 3. An ecosystem which cannot be easily damaged but can recover whatever damaged is caused after some time if damaging effect stops
☒ 4. An ecosystem which can be easily damaged but can recover after some time if damaging effect stops

Question ID : 5038905641

Q.3 A protozoan reproduces by binary fission. What will be the number of protozoans in its population after eight generations?

- Ans ☒ 1. 256
☐ 2. 64
☐ 3. 128
☐ 4. 32

Question ID : 5038905635

Q.4 How many chambers are present in Crocodile's heart?

- Ans ☐ 1. 5
☒ 2. 4
☐ 3. 3
☐ 4. 2

Question ID : 5038905644

Q.5 The individual mono saccharides are linked by a _____ to form a polysaccharide.

- Ans ☒ 1. Glycosidic bond
☐ 2. Peptide bond
☐ 3. Phosphodiester bond
☐ 4. Ester bond

Question ID : 5038905643

Q.6 Retrogressive metamorphosis is commonly seen in _____.

- Ans
- ☒ 1. Ascidia
 - ☐ 2. E.coli
 - ☐ 3. Frog
 - ☐ 4. Snake

Question ID : 5038905653

Q.7 In a society, pattern of age of population is directly responsible for the kind of population growth, because-

- Ans
- ☒ 1. Different age group have different reproductive capabilities
 - ☐ 2. Younger females have more offspring than do older females
 - ☐ 3. The habits of the newer society leads to less reproductive ability
 - ☐ 4. The more the people are educated, the less do they want to reproduce

Question ID : 5038905636

Q.8 Which process is used to remove urea from the blood?

- Ans
- ☐ 1. Sweating
 - ☐ 2. Digestion
 - ☐ 3. Excretion
 - ☒ 4. Hemodialysis

Question ID : 5038905649

Q.9 Nephron is the structural and functional unit of _____.

- Ans
- ☐ 1. Lungs
 - ☐ 2. Brain
 - ☐ 3. Pancreas
 - ☒ 4. Kidney

Question ID : 5038905648

Q.10 Which of the following is the excretory organ of cockroach?

- Ans
- ☐ 1. Nephridia
 - ☒ 2. Malpighian tubules
 - ☐ 3. Flame cell
 - ☐ 4. Kidney

Question ID : 5038905646

Q.11 A group of vertebrates are without any amnion; they are called anamniota. Which of the following belongs to this group?

- Ans
- ☐ 1. Amphibians and Reptiles
 - ☐ 2. Reptiles
 - ☒ 3. Fishes and amphibians
 - ☐ 4. Fish

Question ID : 5038905652

Q.12 Western ghats are known as _____.

- Ans
- ☐ 1. Best reserved national park in India
 - ☐ 2. Best wildlife protection India
 - ☒ 3. Hot-spot of biodiversity in India
 - ☐ 4. Hot-spot of reserved sanctuary in India

Question ID : 5038905637

Q.13 Which of the following organs is affected in jaundice?

- Ans
- ☐ 1. Lungs
 - ☒ 2. Liver
 - ☐ 3. Kidney
 - ☐ 4. Heart

Question ID : 5038905642

Q.14 Which valve is present in the junction of right artery and ventricle in a human heart?

- Ans
- ☐ 1. Seminular valve
 - ☒ 2. Tricuspid valve
 - ☐ 3. Bicuspid valve
 - ☐ 4. Mitral valve

Question ID : 5038905645

Q.15 Frontal part of skull is made up of _____ bones.

- Ans
- ☐ 1. 32
 - ☐ 2. 23
 - ☐ 3. 24
 - ☒ 4. 14

Question ID : 5038905650

Q.16 The joint between humerus and pectoral girdle is _____.

- Ans ☒ 1. Ball and socket joint
☐ 2. Pivot joint
☐ 3. Saddle joint
☐ 4. Hinge joint

Question ID : 5038905651

Q.17 Henle's loop is present in the _____ of human.

- Ans ☐ 1. Lungs
☒ 2. Kidney
☐ 3. Blood
☐ 4. Nephridia

Question ID : 5038905647

Q.18 Rare and Endangered Species are given under which of the following?

- Ans ☐ 1. Blue Data Book
☒ 2. Red Data Book
☐ 3. Green Data Book
☐ 4. Black Data Book

Question ID : 5038905639

Q.19 Which of the following describes the littoral zone?

1. The zone at the edge of a lake or ocean which is alternatively exposed to air and immersed in water
2. The zone at the middle of a lake or ocean which is alternatively exposed to air and immersed in water
3. The zone at the both the ends of a lake which is alternatively exposed to air and immersed in water

- Ans ☐ 1. Neither 1 nor 2 nor 3
☐ 2. Only 3
☒ 3. Only 1
☐ 4. Only 2

Question ID : 5038905640

Q.20 Jim Corbett was developed as

- Ans ☒ 1. First National Park of India
☐ 2. First Protected Forest for Endangered Species
☐ 3. First Protected Bird Reserve
☐ 4. First Wildlife Sanctuary of India

Question ID : 5038905638

Q.1 Kranz anatomy is found in ____ plant.

- Ans
- ☒ 1. C₂
 - ☒ 2. CAM
 - ☒ 3. C₄
 - ☒ 4. C₃

Question ID : 5038905670

Q.2 ____ is known as golden era of reptile.

- Ans
- ☒ 1. Mesozoic era
 - ☒ 2. Cenozoic era
 - ☒ 3. Paleozoic era
 - ☒ 4. Phanerozoic era

Question ID : 5038905662

Q.3 Which type of jaw attachment is found in mammals?

- Ans
- ☒ 1. Hyostylic condition
 - ☒ 2. Autostylic condition
 - ☒ 3. Holostylic condition
 - ☒ 4. Craniostylic condition

Question ID : 5038905655

Q.4 The lateral ventricles remain in communication with the third ventricle by a small opening called ____.

- Ans
- ☒ 1. Foramen of Monro
 - ☒ 2. Basal ganglia
 - ☒ 3. Foramen of panizza
 - ☒ 4. Fossa ovalis

Question ID : 5038905656

Q.5 Bipolar neurons are found in ____.

- Ans
- ☒ 1. Heart
 - ☒ 2. Cerebral cortex
 - ☒ 3. Retina of eye
 - ☒ 4. Embryonic stage

Question ID : 5038905669

Q.6 Coelom originates from which germinal layer?

- Ans
- ☐ 1. Endoderm
 - ☒ 2. Mesoderm
 - ☐ 3. Vacuoles
 - ☐ 4. Ectoderm

Question ID : 5038905673

Q.7 Jacobson's organ is useful in the process of communicating chemical messages in which organism?

- Ans
- ☐ 1. Cat
 - ☒ 2. Snake
 - ☐ 3. Monkey
 - ☐ 4. Rat

Question ID : 5038905660

Q.8 Which is not a part of lymphatic system?

- Ans
- ☐ 1. Tonsil
 - ☐ 2. Adenoids
 - ☒ 3. Stomach
 - ☐ 4. Spleen

Question ID : 5038905665

Q.9 Which type of Chlorophyll is present in Rhodophyceae ?

- Ans
- ☐ 1. Chlorophyll a,c
 - ☐ 2. Chlorophyll a,b
 - ☐ 3. Chlorophyll c,d
 - ☒ 4. Chlorophyll a,d

Question ID : 5038905672

Q.10 If S = Species richness, A = Area, Z = slope of the line (regression coefficient), C = Y-intercept, then on a logarithmic scale, the species-area relationship is a straight line described by the equation –

- Ans
- ☐ 1. $\log S = \log C / Z \log A$
 - ☐ 2. $\log S = \log C - Z \log A$
 - ☐ 3. $\log C = \log S - Z \log A$
 - ☒ 4. $\log S = \log C + Z \log A$

Question ID : 5038905668

Q.11 In case of Ambystoma, the phenomenon of attainment of sexual maturity in larval phase is called _____.

- Ans
- ☒ 1. Neoteny
 - ☐ 2. Juvenile phase
 - ☐ 3. Reproductive phase
 - ☐ 4. Maturity

Question ID : 5038905659

Q.12 Which of the following is considered a living fossil?

- Ans
- ☐ 1. Turtle
 - ☒ 2. Tuatara
 - ☐ 3. Rhinoceros
 - ☐ 4. Tiger

Question ID : 5038905661

Q.13 All single celled eukaryotes are placed under _____.

- Ans
- ☐ 1. Monera
 - ☒ 2. Protista
 - ☐ 3. Bacteria
 - ☐ 4. Animalia

Question ID : 5038905666

Q.14 Outer subdermal fat layer of aquatic mammal is known as:

- Ans
- ☒ 1. Blubber
 - ☐ 2. Epidermis
 - ☐ 3. Skin
 - ☐ 4. Fat bodies

Question ID : 5038905664

Q.15 Which type of kidney is found in Frog?

- Ans
- ☐ 1. Pronephric type
 - ☒ 2. Mesonephric type
 - ☐ 3. Primitive type
 - ☐ 4. Metanephric type

Question ID : 5038905658

Q.16 The covering of brain is known as _____.

- Ans
- ☒ 1. Suture
 - ☒ 2. Meninges
 - ☐ 3. CSF
 - ☐ 4. Pleura

Question ID : 5038905663

Q.17 Which organism doesn't have Coelom?

- Ans
- ☐ 1. Hirudinaria
 - ☒ 2. Platyhelminthes
 - ☐ 3. Pheretima
 - ☐ 4. Nereis

Question ID : 5038905674

Q.18 Which of the following is responsible for causing "Red Tides"?

- Ans
- ☒ 1. Gonyaulax
 - ☐ 2. Chrysophytes
 - ☐ 3. Euglena
 - ☐ 4. Slime moulds

Question ID : 5038905667

Q.19 Which Fungi is commonly known as Imperfect Fungi?

- Ans
- ☐ 1. Ascomycetes
 - ☐ 2. Basidiomycetes
 - ☐ 3. Phycomycetes
 - ☒ 4. Deuteromycetes

Question ID : 5038905671

Q.20 The thyroid glands produces a hormone called _____.

- Ans
- ☒ 1. T₄
 - ☐ 2. TSH
 - ☐ 3. ADH
 - ☐ 4. FSH

Question ID : 5038905657

Q.1 The tail part of Chlorophyll molecule is made up of _____.

- Ans
- ☒ 1. Phytol
 - ☐ 2. Hydrogen
 - ☐ 3. Porphyrin
 - ☐ 4. 10 carbon bond

Question ID : 5038905690

Q.2 Human heart consists of which tissue?

- Ans
- ☐ 1. Epithelial
 - ☐ 2. Connective, Epithelial
 - ☒ 3. Neural, muscular, Connective, Epithelial
 - ☐ 4. Muscular, Connective

Question ID : 5038905677

Q.3 _____ is known as birth hormone.

- Ans
- ☒ 1. Oxytocin
 - ☐ 2. LH
 - ☐ 3. FSH
 - ☐ 4. Prolactin

Question ID : 5038905683

Q.4 Which of the following is known as traffic police of the cell?

- Ans
- ☒ 1. Golgi body
 - ☐ 2. Nucleus
 - ☐ 3. Lysosome
 - ☐ 4. Endoplasmic Reticulum

Question ID : 5038905692

Q.5 Which of the following cells function as nurse cells for the sperm?

- Ans
- ☐ 1. Scrotum
 - ☐ 2. Acrosome
 - ☒ 3. Sertoli cell
 - ☐ 4. Leydig cell

Question ID : 5038905681

Q.6 Blood is a fluid _____ tissue.

- Ans
- ☐ 1. Nervous
 - ☒ 2. Connective
 - ☐ 3. Muscle
 - ☐ 4. Epithelial

Question ID : 5038905676

Q.7 Testosterone is a _____ hormone.

- Ans
- ☐ 1. Thyroid hormone
 - ☒ 2. Steroid hormone
 - ☐ 3. Pregnancy hormone
 - ☐ 4. Peptide hormone

Question ID : 5038905682

Q.8 Which type of placenta is found in cats and dogs?

- Ans
- ☐ 1. Discoidal placenta
 - ☒ 2. Zonary placenta
 - ☐ 3. Meta Discoidal placenta
 - ☐ 4. Diffuse placenta

Question ID : 5038905684

Q.9 _____ is the first body segment of earthworm.

- Ans
- ☒ 1. Peristomium
 - ☐ 2. Epithelium
 - ☐ 3. Prostomium
 - ☐ 4. Peritoneum

Question ID : 5038905678

Q.10 Earthworm bears a dark band of glandular tissue called Clitellum, it is present in _____.

- Ans
- ☐ 1. 13-14 segment
 - ☐ 2. 13- 15 segment
 - ☒ 3. 14-16 segment
 - ☐ 4. 12-13 segment

Question ID : 5038905679

Q.11 The _____ are the compound lipids and they form the pigments of the animal and plant cells.

- Ans
- ☒ 1. Anthocyanine
 - ☒ 2. Xanthophylls
 - ☒ 3. Chlorophyll
 - ☒ 4. Carotenoids

Question ID : 5038905689

Q.12 The respiratory organ/organs of adult Frog is/are _____.

- Ans
- ☒ 1. Lungs and skin
 - ☒ 2. Gill
 - ☒ 3. Book gill
 - ☒ 4. Trachea

Question ID : 5038905680

Q.13 Which organ is known as graveyard of RBC?

- Ans
- ☒ 1. Spleen
 - ☒ 2. Tonsil
 - ☒ 3. Blood
 - ☒ 4. Stomach

Question ID : 5038905675

Q.14 Which of the following characters is a dominant character?

- Ans
- ☒ 1. Rolling tongue
 - ☒ 2. Folding tongue
 - ☒ 3. Attached ear lobes
 - ☒ 4. Fingers with no hair

Question ID : 5038905693

Q.15 Exoskeleton of arthropods is made up of _____.

- Ans
- ☒ 1. Muscle
 - ☒ 2. Protein
 - ☒ 3. Chitin
 - ☒ 4. Skeleton

Question ID : 5038905687

Q.16 Which hormone is used in pregnancy test?

- Ans
- ☒ 1. ADH
 - ☒ 2. FSH
 - ☒ 3. PRL
 - ☒ 4. HCG

Question ID : 5038905685

Q.17 Which of the following is the phenotypic ratio of incomplete dominance?

- Ans
- ☒ 1. 1/5:1/8:1/5
 - ☒ 2. 1:2:1
 - ☒ 3. 4:2:1
 - ☒ 4. 8:2:2:1

Question ID : 5038905694

Q.18 Chemical name of Vitamin E is _____.

- Ans
- ☒ 1. Riboflavin
 - ☒ 2. Calciferol
 - ☒ 3. Thiamine
 - ☒ 4. Tocopherol

Question ID : 5038905691

Q.19 Which is the most common and abundant biological product on earth?

- Ans
- ☒ 1. Pepsin
 - ☒ 2. Cellulose
 - ☒ 3. Glycerol
 - ☒ 4. Amino acid

Question ID : 5038905686

Q.20 Which plant pigment is present in tomatoes?

- Ans
- ☒ 1. Phycobilins
 - ☒ 2. Lycopene
 - ☒ 3. Xanthophylls
 - ☒ 4. Carotene

Question ID : 5038905688

Q.1 Which of the following scientists has proposed the Mutation Theory?

- Ans
- ☒ 1. De Vries
 - ☐ 2. Darwin
 - ☐ 3. Mendel
 - ☐ 4. Lamarck

Question ID : 5038905703

Q.2 Sexual reproduction takes place through fusion of two gametes. These gametes can be flagellated and similar in size (as in Ulothrix) or non-flagellated (non-motile) but similar in size (as in Spirogyra). Such reproduction is called -

- Ans
- ☐ 1. Anisogamous
 - ☒ 2. Isogamous
 - ☐ 3. Oogamous
 - ☐ 4. Gametophyte

Question ID : 5038905711

Q.3 The Ganga Action Plan was launched in _____.

- Ans
- ☐ 1. 1984
 - ☒ 2. 1986
 - ☐ 3. 1985
 - ☐ 4. 1987

Question ID : 5038905706

Q.4 A genetic disease due to the XXY karyotype is called-

- Ans
- ☒ 1. Klinefelter's syndrome
 - ☐ 2. Equus caballus
 - ☐ 3. Cry du chat syndrome
 - ☐ 4. Marasmus

Question ID : 5038905695

Q.5 The position or place on a chromosome occupied by particular gene or one of its alleles is

- Ans
- ☐ 1. Location
 - ☐ 2. Centromere
 - ☐ 3. Position
 - ☒ 4. Locus

Question ID : 5038905696

Q.6 Which one is the vestigial organ of the human?

- Ans
- ☒ 1. Eye
 - ☒ 2. Coccyx
 - ☐ 3. Skin
 - ☐ 4. Stomach

Question ID : 5038905702

Q.7 Which antibody can pass from mother to foetus via the placenta?

- Ans
- ☒ 1. IgG
 - ☐ 2. IgD
 - ☐ 3. IgA
 - ☐ 4. IgM

Question ID : 5038905698

Q.8 Which of the following helps in the swimming of spermatozoa, maintenance of water current in the canal system of sponges and in locomotion of Protozoans like Euglena?

- Ans
- ☒ 1. Flagellar movement
 - ☐ 2. Visceral muscles
 - ☐ 3. Skeletal muscles
 - ☐ 4. Striated muscles

Question ID : 5038905714

Q.9 Frequency is denoted as _____.

- Ans
- ☐ 1. Nanometer
 - ☒ 2. Hertz
 - ☐ 3. Sone
 - ☐ 4. Decibel

Question ID : 5038905705

Q.10 Who is the founder or father of modern Palaeontology?

- Ans
- ☒ 1. Cuvier
 - ☐ 2. Watson
 - ☐ 3. John Playfair
 - ☐ 4. Leonardo da Vinci

Question ID : 5038905699

Q.11 Archaeopteryx was the connecting link between -

- Ans
- ☐ 1. Fish and Amphibia
 - ☐ 2. Reptile and Mammal
 - ☐ 3. Amphibia and Reptile
 - ☒ 4. Reptile and Bird

Question ID : 5038905701

Q.12 Which of the following is not a x linked disorder?

- Ans
- ☐ 1. Fragile X syndrome
 - ☐ 2. Colour blindness
 - ☐ 3. Hemophilia
 - ☒ 4. Thalassemia

Question ID : 5038905697

Q.13 Which pollutant is released from the refrigerator industry?

- Ans
- ☐ 1. CO₂
 - ☐ 2. Fe
 - ☐ 3. NO₂
 - ☒ 4. CFC

Question ID : 5038905704

Q.14 Zygotes do not undergo reduction division immediately. They produce a multicellular body called a -

- Ans
- ☐ 1. Antheridium
 - ☐ 2. Archegonium
 - ☐ 3. Gametophyte
 - ☒ 4. Sporophyte

Question ID : 5038905712

Q.15 Number of rectrices present in a pigeon is:

- Ans
- ☒ 1. 12
 - ☐ 2. 24 pair
 - ☐ 3. 12 pair
 - ☐ 4. 24

Question ID : 5038905708

Q.16 The Nutrient enrichment of water causes the natural aging of the lake. This is called?

- Ans
- ☒ 1. Accelerated Eutrophication
 - ☒ 2. Eutrophication
 - ☒ 3. Algae Bloom
 - ☒ 4. Biomagnification

Question ID : 5038905710

Q.17 Which represents the modern horse?

- Ans
- ☒ 1. Merychippus
 - ☒ 2. Equus
 - ☒ 3. Eohippus
 - ☒ 4. Pliohippus

Question ID : 5038905700

Q.18 Which of the following is the phenomenon, where the living differentiated cells, that by now have lost the capacity to divide can regain the capacity of division under certain conditions?

- Ans
- ☒ 1. Differentiation
 - ☒ 2. Redifferentiated
 - ☒ 3. Divisioniated
 - ☒ 4. Dedifferentiation

Question ID : 5038905713

Q.19 Myotome muscle is present in _____.

- Ans
- ☒ 1. Fish
 - ☒ 2. Bird
 - ☒ 3. Reptilia
 - ☒ 4. Amphibia

Question ID : 5038905707

Q.20 Mycobiont part of Lichen is _____.

- Ans
- ☒ 1. Rhizobium
 - ☒ 2. Bacteria
 - ☒ 3. Fungi
 - ☒ 4. Algae

Question ID : 5038905709

Q.1 In a class, all the students are given a problem. All the students work on the problem individually in order to solve it. They bring their solutions in written form. They present their views in the class one by one and the other students listen to these attentively to criticize them later on.

Which of the following methods of teaching has been described?

- Ans
- ☒ 1. Seminar
 - ☐ 2. This is not a teaching method
 - ☐ 3. Brain Storming
 - ☐ 4. Drill method

Question ID : 5038905722

Q.2 A biology-teacher can give which of the following types of home-works?

- 1. Informational
- 2. Problematic

- Ans
- ☐ 1. Only 2
 - ☒ 2. Both 1 and 2
 - ☐ 3. Neither 1 nor 2
 - ☐ 4. Only 1

Question ID : 5038905723

Q.3 Who is considered as the Father of Microbiology?

- Ans
- ☐ 1. Robert Brown
 - ☐ 2. Robert Hooke
 - ☐ 3. Theodor Schwann
 - ☒ 4. Antonie van Leeuwenhoek

Question ID : 5038905731

Q.4 Which of the following methods establishes a student's mastery level?

- Ans
- ☒ 1. Bloom's mastery learning strategy
 - ☐ 2. Gloom's mastery learning strategy
 - ☐ 3. Albert's mastery learning strategy
 - ☐ 4. Garrett's mastery learning strategy

Question ID : 5038905726

Q.5 What should be done to remove gender-disparity in science education?

1. The curriculum should strive to make the contribution of women to the field of science and technology 'visible'.
2. Studies should be undertaken to understand how gender bias operates in schools both within and outside the classrooms

- Ans
- ☐ 1. Only 1
 - ☐ 2. Neither 1 nor 2
 - ☒ 3. Both 1 and 2
 - ☐ 4. Only 2

Question ID : 5038905728

Q.6 Which of the following statements is incorrect?

1. Studies have shown that girls in the same class get science education different from boys
2. Science textbooks and science teachers, like others, are not free from gender bias.

- Ans
- ☐ 1. Only 2
 - ☒ 2. Neither 1 nor 2
 - ☐ 3. Only 1
 - ☐ 4. Both 1 and 2

Question ID : 5038905718

Q.7 Education can be:

1. Formal
2. Informal

- Ans
- ☐ 1. Neither 1 nor 2
 - ☐ 2. Only 1
 - ☐ 3. Only 2
 - ☒ 4. Both 1 and 2

Question ID : 5038905734

Q.8 Which of the following statements is incorrect?

- Ans
- ☐ 1. Training is only a specialized part of teaching
 - ☒ 2. Skill is developed through teaching while knowledge is imparted through training
 - ☐ 3. The word training refers to moulding of habits
 - ☐ 4. An idealist society gives importance to teaching while a pragmatic society gives importance to training

Question ID : 5038905733

Q.9 A biology-teacher wants to give home-work to her students. Which of the following thoughts should she not entertain while giving the home-work?

- Ans
- ☒ 1. Home-work should be such that it increases the rate of learning further
 - ☒ 2. Home works given to students should be based on their class work
 - ☒ 3. Home work should be somewhat challenging to the students also
 - ☒ 4. Home work should be time-consuming, so that the students don't get any free-time at home

Question ID : 5038905725

Q.10 Many Indian students perform very well in formal / scholastic tests, but relatively few make it to the grade of truly outstanding researchers or original thinkers. What can be the reason for this?

- Ans
- ☒ 1. Science education in India does not develop competence or inventiveness or creativity
 - ☒ 2. Science education in India at its best develops competence, but does not encourage inventiveness and creativity
 - ☒ 3. Science education in India at its best develops inventiveness, but does not encourage inventiveness and competence
 - ☒ 4. Science education in India at its best develops creativity, but does not encourage competence and inventiveness

Question ID : 5038905730

Q.11 In which year was EDUSAT launched?

- Ans
- ☒ 1. 2003
 - ☒ 2. 2002
 - ☒ 3. 2005
 - ☒ 4. 2004

Question ID : 5038905717

Q.12 In which stage, science should be introduced as separate disciplines with emphasis on experiments/technology and problem solving?

- Ans
- ☒ 1. Primary stage
 - ☒ 2. Secondary stage
 - ☒ 3. Upper primary stage
 - ☒ 4. Higher secondary stage

Question ID : 5038905727

Q.13 The primary stage extends from Class I to Class –

- Ans
- ☒ 1. V
 - ☒ 2. VII
 - ☒ 3. VI
 - ☒ 4. IV

Question ID : 5038905715

Q.14 Which of the following is not a function of a teacher related to class and classroom teaching?

- Ans
- ☒ 1. Maintaining records of pupils' attendance
 - ☒ 2. Evaluating the achievement of pupils
 - ☒ 3. Always scold the students to maintain strict discipline
 - ☒ 4. Planning for curricular and co-curricular activities

Question ID : 5038905719

Q.15 Which of the following should not be a personality trait of a teacher?

- Ans
- ☒ 1. A teacher should not take risk of experimenting with his teaching strategy
 - ☒ 2. A teacher has to be very active in and outside the class in the school which requires sound physical health
 - ☒ 3. A teacher should be amiable and friendly in his behaviour
 - ☒ 4. A teacher should not be hasty in his habits

Question ID : 5038905729

Q.16 Computer Literacy and Studies in Schools (CLASS) project was introduced in the –

- Ans
- ☒ 1. early 60s
 - ☒ 2. early 80s
 - ☒ 3. early 90s
 - ☒ 4. early 70s

Question ID : 5038905716

Q.17 Using non-formal channels in our education system and specially in science will increase –

- Ans
- ☒ 1. Creative learning
 - ☒ 2. Concentration among students
 - ☒ 3. Indiscipline
 - ☒ 4. Unattentiveness among students

Question ID : 5038905732

Q.18 Kilpatric is the investigator of which teaching-strategy?

- Ans
- ☒ 1. Heuristic method
 - ☒ 2. Project method
 - ☒ 3. Discovery method
 - ☒ 4. Role playing method

Question ID : 5038905724

Q.19 Who is known as the exponent of the Question-answer method of teaching?

- Ans**
- ☐ 1. Dewey
 - ☐ 2. Newton
 - ☒ 3. Socrates
 - ☐ 4. Galileo

Question ID : 5038905721

Q.20 In which method is the whole class divided into different homogeneous small sections on the basis of abilities so that teacher can remove their difficulties by giving them individual guidance?

- 1. Demonstration method
- 2. Tutorial method

- Ans**
- ☐ 1. Both 1 and 2
 - ☐ 2. Neither 1 nor 2
 - ☐ 3. Only 1
 - ☒ 4. Only 2

Question ID : 5038905720



TEACHERS

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