RRB NTPC REASONING SUNDAY QUANT (Question)

Q1. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement I: All cards are labels

Statement II: No posters are labels

Conclusion I: No cards are posters

Conclusion II: Some posters are cards

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor conclusion II follows

Q2. In a certain code language, "PROP" is written as "67" and "RATE" is written as "46". How is "MOCK" written in that code language?
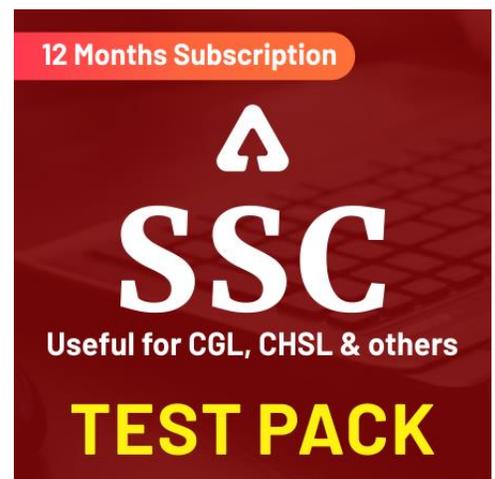
(a) 41

(b) 40

(c) 42

(d) 44

Q3. The following equation is incorrect. Which two signs should be interchanged to correct the equation?

26 - 2 x 30 ÷ 6 + 16 = 20

(a) ÷ and x

(b) - and +

(c) x and -

(d) ÷ and –

Q4. If 3!5 = 30, 6!1 = 12 and 5!8 = 80, then find the value of 2!2 =?

(a) 28

(b) 12

(c) 8

(d) 32

Q5. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
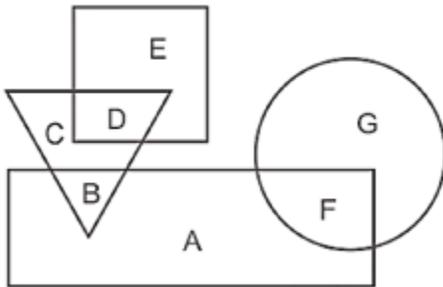
Statement I: All bolts are nails

Statement II: Some screws are bolts

Conclusion I: All nails are screws

Conclusion II: All screws are nails

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor conclusion II follows

Q6. In the following figure, rectangle represents coppersmiths, circle represents bakers, triangle represents gamers and square represents Fathers. Which set of letters represents coppersmiths who are neither gamers nor bakers?

(a) BAF

(b) CG

(c) CDG

(d) A

Q7. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

SAY, TDD, UGI, VJN, ?

(a) WMR

(b) WMS

(c) WNR

(d) WNS

Q8. In the following question, select the missing number from the given series.

46, 41, 35, 30, ?, 19, 13

(a) 26

(b) 24

(c) 28

(d) 22

Q9. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

(a)

(b)

(c)

(d)

Q10. In a certain code language, "PRIME" is written as "VNRIK". How is "MICRO" written in that code language?
(a) LIXRN
(b) NRILV
(c) VPQAN
(d) NPVQR

Q11. In the following question, select the odd word from the given alternatives.
(a) Red
(b) Green
(c) White
(d) Painting

Q12. Arrange the given words in the sequence in which they occur in the dictionary.

1. Clump

2. Clown

3. Climax

4. Clumsy

5. Climb

(a) 32541

(b) 41523

(c) 35214

(d) 45213

Q13. Rearrange the jumbled up letters in their natural sequence and find the odd one out.

(a) SAMR

(b) MOETC

(c) USVNE

(d) PUJIERT

Q14. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

E, I, M, ?, U, Y

(a) Q

(b) R

(c) T

(d) S

Q15. Present age of R and S are in the ratio of 3 : 2 respectively. If the present age of H is 117 years and R's present age is 4/13 of H's present age, then after how many years the ages of R and S would be in the ratio of 15 : 11?

(a) 9

(b) 6

(c) 7

(d) 8

Q16. From the given alternatives, select the word which CANNOT be formed using the letters of the given word.

Reprehensible

(a) Repair

(b) Hen

(c) Rise

(d) Ripe

Q17. In a certain code language, "FUMIC" is written as "6211393" and "STEAM" is written as "19205113". How is "PROP" written in that code language?
(a) 714812
(b) 6159134
(c) 16181516
(d) 1271418

Q18. In a certain code language, 'x' represents '+', '÷' represents 'x', '-' represents '÷' and '+' represents '-'. Find out the answer to the following question.
20 ÷ 12 - 30 + 10 x 10 = ?
(a) 8
(b) 25
(c) 14
(d) 21

Q19. The following equation is incorrect. Which two signs should be interchanged to correct the equation?
32 ÷ 16 - 5 x 8 + 2 = 13
(a) + and ÷
(b) + and x
(c) - and +
(d) ÷ and x

Q20. If 6@16 = 11, 2@14 = 8 and 8@8 = 8, then find the value of 10@18 = ?
(a) 4
(b) 6
(c) 12
(d) 14

Q21. In the following question, which one set of letters when sequentially at the gaps in the given letter series shall complete it?
MK_PM_O_MK_ _M_OP
(a) LMOP
(b) OKPOPK
(c) MLOP
(d) POKPOK

Q22. An old man starts his daily walking routine. He walks 2 km East, then turns North and walks 1 km, then turns West and walks 2 km, then turns to his right and walks 1.5 kms. Where is he now with respect to the starting position?
(a) 0.5 km North
(b) 2.5 km South
(c) 0.5 km South
(d) 2.5 km North

Q23. In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.
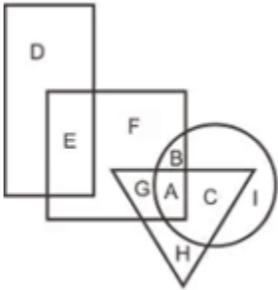
Statement I: No taps are nozzles
Statement II: Some valves are taps
Conclusion I: All nozzles are valves
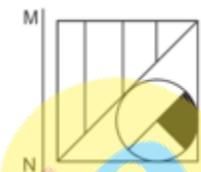**Conclusion II:** All valves are nozzles
(a) Only conclusion I follows
(b) Only conclusion II follows
(c) Both conclusions I and II follow
(d) Neither conclusion I nor conclusion II follows

Q24. In the following figure, rectangle represents Hairstylists, circle represents Racers, triangle represents Divers and square represents Fathers. Which set of letters represents Fathers who are Divers?

(a) BA
(b) AC
(c) HA
(d) GA

Q25. If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

(a)

(b)

(c)

(d)

Q26. If EFMIJ means DELHI, then the last letter of the word got by decoding IQBOS is
(a) R
(b) I
(c) K
(d) M

Directions (27-29): The following questions consist of five statements followed by options consisting of three statements put together in a specific order. Choose the option which indicates a valid argument, that is, where the third statement is a conclusion drawn from the preceding two statements.
Example:
A. All the cigarettes are hazardous to health.
B. Brand X is a cigarette.
C. Brand X is a hazardous to health.
A,B,C are a valid options, where statement C can be concluded from statements A and B.

Q27. A. Apple are not sweets.
B. Some apples are sweet.
C. All sweets are tasty.
D. Some apples are not tasty.
E. No apple is tasty.
(a) CEA
(b) BDC
(c) CBD
(d) EAC

Q28. A. No patriot is a criminal.
B. Bundledas is not a criminal.
C. Bundledas is a patriot.
D. Bogusdas is not a patriot.
E. Bogusdas is a criminal.
(a) ACB
(b) ABC
(c) ADE
(d) ABE

Q29. A. Modern industry is technology driven.
B. BTI is a modern industry.
C. BTI is technology- driven.
D. BTI may be technology- driven.
E. Technology driven industry is modern.
(a) ABC
(b) ABD
(c) BCA
(d) EBC

Q30. In the following question, select the related word pair from the given alternatives.

Patridge : Covey::

(a) Directors : Band

(b) Mountain : Range

(c) Sheep : Swarm

(d) Goods : Consignment