



DRONESHWAR DEFENCE ACADEMY

Air force Group Y – MBT - Previous Year Paper

(5 November 2020)

Total Time: 45 minutes

Total Marks : 50

Instructions

S.No	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks	Sectional Timing
1	English	20	20	0.25	1	20 Min
2	RAGA	30	30	0.25	1	25 Min

English

1. Select the segment of the sentence that contains an error. If there is no error, mark 'No error' as your answer.

Attend with (A)/ your work and (B)/ stop talking. (C)/ No error (D)

(a) A (b) B (c) C (d) D

2. Select the most appropriate option to fill in the blank.

He is addicted to alcohol and exerts a bad influence ____ his family.

(a) on (b) for (c) about (d) in

3. Fill in the blank with the most suitable preposition given in the options.

The children are fond _____ sweets.

(a) with (b) on (c) of (d) to

4. Fill in the blank with the most suitable helping verb given in the options.

Sushma said that she _____ finished her work by 10 AM but she lost the internet connectivity.

(a) will have (b) would have (c) had been (d) has

5. Fill in the blank with the most suitable article given in the options.

She is _____ untidy girl.



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- (a) a (b) an (c) the (d) No article required

6. Choose the most appropriate answer and fill in the blanks.

The adjective form of 'belief' is _____.

- (a) believable (b) believe
(c) believer (d) believability

7. Choose the most appropriate answer and fill in the blanks.

The noun form of 'adverse' is _____.

- (a) Adversely (b) Adversity (c) Adversive (d) Advertent

8. Direction: In the following question, a sentence is given in Direct/Indirect speech. Out of the four alternatives choose the one which best expresses the sentence in Indirect/Direct Speech.

Alka said to me, "Did you meet your mother?"

- (a) Alka asked me that I had met my mother.
(b) Alka asked me if I had met my mother
(c) Alka asked me if I have met my mother
(d) Alka asked me if I have meet my mother

9. Change the below sentence into passive voice.

Will she tell the truth?

- (a) She would tell the truth (b) The truth will be told by her
(c) Will the truth be told by her (d) Will the truth told by her.

10. Select the most appropriate antonym of the given word.

INITIATE

- (a) Begin (b) finish (c) commence (d) Trigger



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11. In the following question, out of the four alternatives, select the word similar in meaning to the word given.

Rumor

- (a) Debate (b) Hoax (c) Lecture (d) Oration

12. In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Be of two minds

- (a) Behave smart at sometime and stupid at other.
(b) Unable to decide
(c) Having a split personality disorder
(d) Trying to do two things at the same time

13. Which one of the following words has been correctly spelt?

- (a) Gramar (b) Grammar (c) Grammer (d) Gramer

14. Four words are given in the question, out of which only one word is correctly spelt. Find the correctly spelt word.

- (a) Cemetary (b) Colleague
(c) Comming (d) Committee

15. Four words are given in the question, out of which only one word is correctly spelt. Find the correctly spelt word.

A lover and collect of books

- (a) Bibliophile (b) Biennial
(c) Blasphemy (d) Creche

16. Direction- In the following question, parts of a sentence have been jumbled and labelled as P, Q, R, and S. You are required to rearrange the jumbled parts of the sentence and mark your response accordingly by selecting the correct option.



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P: nor did they have money

Q: They had no ice cream

R: to go to the store

S: left to home

(a) QSRP

(b) QSPR

(c) RPSQ

(d) PQSR

17. Read the passage carefully and answer the questions that follow.

A crow lived in the forest and was absolutely satisfied in life. But one day he saw a swan. "This swan is so white," he thought, "and I am so black. This swan must be the happiest bird in the world."

He expressed his thoughts to the swan. "Actually," the swan replied, "I felt that I was the happiest bird around until I saw a parrot, which has two colors. I now think the parrot is the happiest bird in creation." The crow then approached the parrot. The parrot explained, "I lived a very happy life until I saw a peacock. I have only two colors, but the peacock has multiple colors."

The crow then visited a peacock in the zoo and saw that hundreds of people had gathered to see him. After the people had left, the crow approached the peacock. "Dear peacock," the crow said, "you are so beautiful. Every day thousands of people come to see you. When people see me, they immediately shoo me away. I think you are the happiest bird on the planet."

The peacock replied, "I always thought that I was the most beautiful and happy bird on the planet. But because of my beauty, I am entrapped in this zoo. I have examined the zoo very carefully, and I have realized that the crow is the only bird not kept in a cage. So for the past few days, I have been thinking that if I were a crow, I could happily roam everywhere."

What is the synonym of the word?

ENTRAPPED

(a) Encircled

(b) Entangled

(c) Emancipation

(d) Engulf

18. What is the moral of the story?



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- (a) Satisfied person is the happiest one
- (b) One should always adore others
- (c) Creatures that are black are unattractive
- (d) Beauty lies in colours

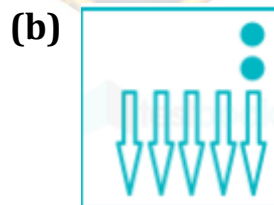
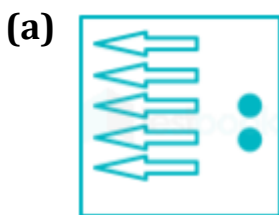
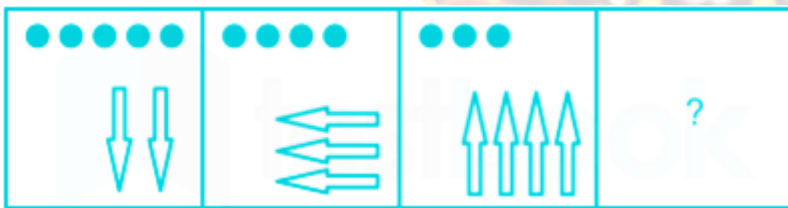
19. When does the swan stop considering itself the happiest bird?

- (a) On seeing its reflection in water
- (b) On realizing crow is a free bird
- (c) On seeing people coming to visit a peacock in the zoo
- (d) On seeing the parrot of two colors

20. Why had hundreds of people gathered in the zoo?

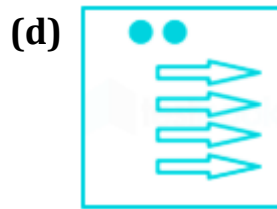
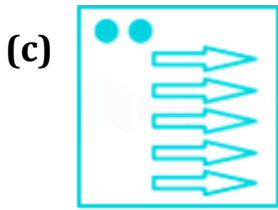
- (a) To see how black the crow was
- (b) To see different creatures
- (c) To see two colored parrot
- (d) To see peacock

21. Find the following figure which complete the given series-

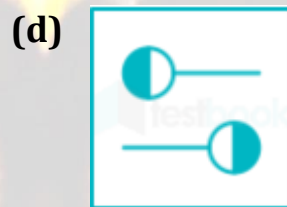
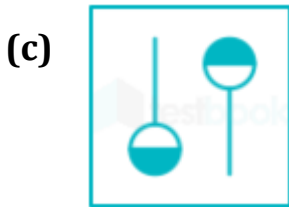




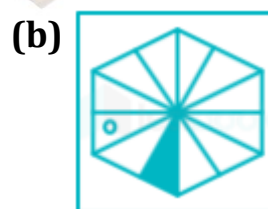
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22. Find the correct figure from the following figures which completes the given series-

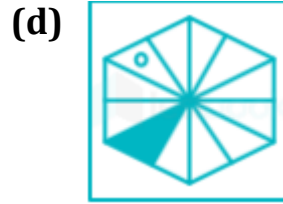


23. Find the following figure which complete the given series-





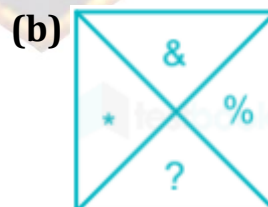
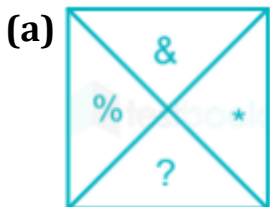
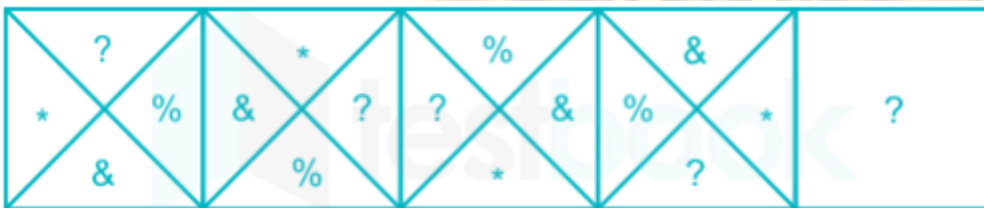
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24. Choose the image that will complete the given series.

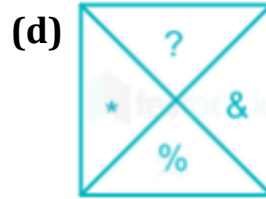
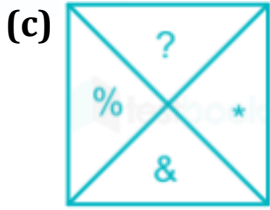


25. Select the figure that will come next in the following series.





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26. In a certain code language, TENSION is written as OFUTOPJ. How will STUDENT be written as in that language?

- (a) VUTEUOF (b) VTUEUOF (c) FOUETUV (d) TUVFYOU

27. P and Q are brothers. R and S are sisters. P's son N is brother of S. S is daughter of M. How M is related to N?

- (a) Aunt (b) Sister (c) Mother (d) Son

28. Find the missing number in the given figure.

1	3	7
2	4	4
4	5	9
3	6	8
50	90	?

- (a) 80 (b) 110 (c) 120 (d) 140

29. Find the missing number in the series.

12, 22, 42, 82, ?

- (a) 102 (b) 112 (c) 122 (d) 162

30. Select the term that relates to the third term in the same way that the second term relates to the first term.

5 : 30 :: 9 : ?

- (a) 72 (b) 81 (c) 90 (d) 46

31. For a standard clock, what is the angle between hour hand and the minute hand when the clock shows 5:15?



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- (a) 67.5° (b) 82.5° (c) 31.5° (d) 22.5°

32. M is 10m to the north of L. J is 12m to the north of K. N is 3m to the west of M. K is 5m to the west of L. In which direction is K with respect to M?

- (a) South-East (b) North - West
(c) North - East (d) South - West

33. Direction: Study the information carefully and answer the given questions.

Eight students A, B, C, D, E, F, G, H in a School are standing in a row for prayer and all of them are facing North but not necessarily in the same order. No student is standing between H and B. D is standing second to the right of G. G stands at one of the extreme ends. C will not stand to the left of H. B is not an immediate neighbour of D. E is standing to immediate right of B. No one is standing to the right of A. Who is sitting to the immediate right of E?

- (a) B (b) F (c) C (d) D

34. Rs.10000 is divided among 3 persons. If ratio of amount between first and second person is 2 : 1 and between second and third person is 3 : 1, then find the amount get by third person.

- (a) 3000 (b) 1000 (c) 6000 (d) 2000

35. Two numbers are in ratio 14 : 9, if HCF and LCM of both numbers are 3 and 378, then find the greater number.

- (a) 21 (b) 27 (c) 28 (d) 42

36. If a product is sold at Rs. 564 then a loss of 6% occurs. Find the selling price if the same product is sold at 6% profit.

- (a) Rs 600 (b) Rs 636 (c) Rs 672 (d) Rs 650

37. What will come in place of question mark '?' in the following question?

$$4 \text{ of } 8 + [(6 \times 3) + (2 - 5 \times 3)] - 2 = ?$$

- (a) 20 (b) 24 (c) 30 (d) 35

38. If $3x = 4y$, then find the value of $(x + y)/(x - y)$



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- (a) 7 (b) $1/7$ (c) 4 (d) $1/4$

39. Diagonals of the square ABCD are meeting at O. If side of square is a, then find the area of triangle AOB.

- (a) a^2 (b) $a^2/2$ (c) $a^2/4$ (d) $a^2/8$

40. In a town there are two schools A and B. In school A there are 75% of total students out of which 20% students are failed in exam. If 10% students of school B are failed in exam then find the overall passing percentage of the town.

- (a) 75% (b) 87.5% (c) 82.5% (d) 77.5%

41. Walking at 20km/h Ratul is reaching his office 30 min late. Next day if he increases his speed to 24km/h then he reaches office 10min late. Find the distance of office.

- (a) 10 km (b) 20 km (c) 40 km (d) 50 km

42. Which date is celebrated as the "Army Day" in India?

- (a) 4th December (b) 8th October
(c) 1st January (d) 15th January

43. Who among the following India rulers fought the Battle of Terrain with Muhammad Ghori?

- (a) Mularaja (b) Kirtipala
(c) Prithvi Raj Chauhan (d) Dharavarsa

44. In February 2020, who won the men's Australian Open 2020?

- (a) Roger Federer (b) Novak Djokovic
(c) Rafael Nadal (d) Dominic Thiem

45. Who is the first Chief of Defense Staff of India?

- (a) General Bipin Rawat (b) General Manoj Mukund Narawane
(c) Admiral Karambir Singh (d) Rakesh Kumar Bhadauria



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46. Full form of DBMS

- (a) Digital Base Management System
- (b) Database Management System
- (c) Database Maintenance System
- (d) None of the above

47. Koneru Hampi belongs from which of the following games?

- (a) Badminton
- (b) Chess
- (c) Swimming
- (d) Tennis

48. Which countries are separated by the Mac Mohan Line?

- (a) India - Bangladesh
- (b) India - Pakistan
- (c) India - China
- (d) India - Nepal

49. Which of the following Chinese Buddhist travellers visited both kings Harsha and king Pulakeshin II?

- (a) Chinese Buddhist monk Hiuen Tsang
- (b) Chinese pilgrim I-tsing
- (c) Both of the above
- (d) None of the above

50. Rajya Sabha member has tenure of _____ years.

- (a) 8
- (b) 6
- (c) 4
- (d) 2