



কম্বাইন্ড গ্র্যাজুয়েট লেভেল পরীক্ষা প্রস্তুতি

পশ্চিমবঙ্গ সহ বিভিন্ন রাজ্যে ও নয়াদিল্লিতে ছড়িয়ে থাকা কেন্দ্রীয় সরকারের সমস্ত অফিস ও মন্ত্রকের কয়েক হাজার গ্রুপ-বি ও গ্রুপ-সির শূন্যপদের জন্য প্রার্থী বাছাই করা হবে স্টাফ সিলেকশন কমিশনের কম্বাইন্ড গ্র্যাজুয়েট লেভেল এগজামিনেশন, ২০১৮-র মাধ্যমে।

প্রথমে হবে কম্পিউটারভিত্তিক অবজেক্টিভ ধরনের ২০০ নম্বরের টিয়ার ওয়ানের পরীক্ষা, সময় ৬০ মিনিট। তাতে ৪টি পেপার থাকবে- জেনারেল ইন্টেলিজেন্স অ্যান্ড রিজনিং, জেনারেল অ্যাওয়ারেনেস, কোয়ান্টিটেটিভ অ্যাপ্টিটিউড এবং ইংলিশ কম্প্রিহেনশন। প্রতি পেপারে ২৫ প্রশ্ন, ৫০ নম্বর। প্রতিটি ভুল উত্তরের জন্য নেগেটিভ মার্কিং থাকবে ০.৫০ নম্বর করে। কোয়ান্টিটেটিভ অ্যাপ্টিটিউডের ক্ষেত্রে মাধ্যমিক স্তরের প্রশ্ন হবে, বাকি ক্ষেত্রে গ্র্যাজুয়েশন স্তরের। এখানে টিয়ার ওয়ানের প্রশ্নপত্রের প্র্যাক্টিস সেট দেওয়া হল।

Directions (Q 1-3): In each question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Give answer

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either I or II follows
(d) If neither I nor II follows and
(e) If both I and II follow

1. Statement: In a one day cricket match, the total runs made by a team were 200. Out of these 160 runs were made by spinners.

Conclusions: I. 80% of the team consists of spinners

II. The opening batsmen were spinners.

2. Statement: Prime age school-going children in urban India have now become avid as well as more regular viewers of television, even in households without a TV. As a result there has been an alarming decline in the extent of readership of newspapers.

Conclusions: I. Method of increasing the readership of newspapers should be devised.

II. A team of experts should be sent to other countries to study the impact of TV on the readership of newspapers.

3. Statement: Government has spoiled many top ranking financial institutions by appointing bureaucrats as Directors of these institutions.

Conclusions: I. Government should appoint Directors of the financial institutes taking into consideration the expertise of the person in the area of finance.

II. The director of the financial institute should have expertise commensurate with the financial work carried out by the institute.

Directions (Q 4-6): Three of the words will be in the same classification, the remaining one will not be. Your answer will be the one word that does not belong in the same classification as the others.

4. (a) Parsley (b) Basil (c) Dill (d) Mayonnaise

5. (a) Inch (b) Ounce (c) Centimeter (d) Yard

6. (a) Tyre (b) Steering wheel (c) Engine (d) Car

Directions (Q 7-10): Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

7. Pain

(a) Cut (b) Burn (c) Nuisance (d) Hurt

8. Gala

(a) Celebration (b) Tuxedo (c) Appetizer (d) Orator

9. Monopoly

(a) Corrupt (b) Exclusive (c) Rich (d) Gigantic

10. Guitar

(a) Band (b) Teacher (c) Songs (d) Strings

11. In the following question, select the word from the given alternatives.

Car: Road: Ship:?

(a) Water (b) Air (c) Road (d) Both Air and Water

12. P and Q are brothers. P is the father of S. R is the only son of Q and is married to U. How is U related to S?

(a) Sister-in-law (b) Mother-in-law (c) Sister (d) Mother

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

AEDM: ZQRN:: FLMO:?

(a) BZYS (b) CZYS (c) SZYB (d) YZBC

14. In the following question, select the odd word from the given alternatives.

(a) Flower (b) Fruit (c) Leaves (d) Root

15. Who discovered X-ray?

(a) W C Roentgen (b) Albert Einstein (c) Samuel Cohen (d) Edward Taylor

16. The book 'Azad Bachpan ki Aur' is written by which author?

(a) Kailas Satyarthi (b) Radhakant Bharti (c) Dipak Misra (d) Subhas Chandra

17. Which among the following metals is used for galvanisation?

(a) Zinc (b) Copper (c) Iron (d) Silver

18. How many players are there in a water polo team?

(a) 6 (b) 5 (c) 7 (d) 8

19. India by the Nile was a cultural festival celebrated by the India and

(a) Sudan (b) Kampala (c) Egypt (d) Kenya

20. 'Lavani' is a dance form of which state of India?

(a) Maharashtra (b) Gujarat (c) Madhya Pradesh (d) Andhra Pradesh

21. Sheikh Hasina Wazed is the Prime Minister of which neighbouring country of India?

(a) Pakistan (b) Bangladesh (c) Nepal (d) Afghanistan

22. Which one among the following is a main system board of a computer?

(a) CPU (b) Keyboard (c) Microchip (d) Mother board

23. Why does a black board appear black in colour?

(a) It reflects black colour (b) It absorbs black colour (c) It reflects all colours (d) It absorbs all the colours

24. What is the minimum distance (in metres) required to hear an echo?

(a) 10 (b) 13 (c) 17 (d) 21

25. Haemoglobin is an important component of

(a) white blood cells (b) red blood cells (c) plasma (d) All options are correct

26. With which of the following body organs is 'pace-maker' associated?

(a) Liver (b) Brain (c) Heart (d) Lungs

27. Masai is a tribe of which of the following countries?

(a) Kenya (b) Germany (c) Australia (d) India

28. Who was the first Viceroy of India?

(a) Lord Canning (b) Lord Curzon (c) Lord Wavell (d) Lord Mountbatten

29. Which of the following Articles cannot be suspended even during emergency?

(a) Article 19 (b) Article 20 and 21 (c) Article 22 and 23 (d) Article 24 and 25

30. Nephron is related to which of the following systems of human body?

(a) Circulatory system (b) Excretory system (c) Reproductive system (d) Respiratory system

31. Which Vitamin is obtained from Sun rays?

(a) Vitamin A (b) Vitamin C (c) Vitamin K (d) Vitamin D

32. Speed of light is the maximum in

(a) vacuum (b) solids (c) liquids (d) gases

33. Process of losing electrons is known as

(a) oxidation (b) reduction (c) radiation (d) both oxidation and reduction

34. Which among the following is the major cause of acid rain?

(a) Carbon dioxide (b) Carbon monoxide (c) Nitrogen dioxide (d) Oxygen

35. Who is known for the invention of 'World Wide Web'?

(a) Sir Tim Berners Lee (b) Maxwell (c) Martin Cooper (d) S A Forbes

36. Which among the following countries exited from Trans Pacific Partnership (TTP) in Jan 2017?

(a) Japan (b) The USA (c) Mexico (d) Brunei

37. Which of the following countries doesn't match to its famous tourist place?

(a) Chian- Great Wall of India (b) Bhutan- Paro Taktsang (c) Nepal- Pashupatinath Temple (d) Sri Lanka- Padmanabhaswamy Temple

38. Where was the 'Azad Hind Fauj' founded?

(a) Singapore (b) Thailand (c) Britain (d) Italy

39. Which among the following Mughal Emperors was illiterate?

(a) Shah Jahan (b) Aurangzeb (c) Akbar (d) Jahangir

40. How many fundamental rights are mentioned in Indian constitution?

(a) Five (b) Six (c) Seven (d) Eight

41. A man bought 5 shirts at Rs 450 each, 4 trousers at Rs 750 each and 12 pairs of shoes at Rs 750 each. What is the average expenditure per article?

(a) Rs 678.50 (b) Rs 800 (c) Rs 900 (d) Rs 1000

42. If the numerator of a fraction is increased by 2 and the denominator is increased by 3, the fraction becomes $\frac{7}{9}$ and if both the numerator and the denominator are decreased by 1, the fraction becomes $\frac{4}{5}$. What is the original fraction?

(a) $\frac{5}{6}$ (b) $\frac{9}{11}$ (c) $\frac{13}{16}$ (d) $\frac{17}{21}$

43. Hitesh is 40 years old and Ronnie is 60 years old. How many years ago was the ratio of ages 3 : 5?

(a) 5 years (b) 10 years (c) 20 years (d) 37 years

44. In an examination, a student scored 30% marks in the first paper out of a total of 180. How much should he score in the second paper out of a total of 150, if he is to get an overall average of at least 50%?

(a) 74% (b) 76% (c) 70% (d) 80%

45. The cost of carpeting a room 15 m long with a carpet 75 cm wide at 90 paise per metre is Rs 108. The breadth of the room is:

(a) 6 m (b) 8 m (c) 9 m (d) 12 m

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

Desecrate

(a) Sanctify (b) Profane (c) Befoul (d) Defile

47. In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

Phobia of dogs

(a) Orophobia (b) Cynophobia (c) Vatrachophobia (d) Phemophobia

Directions (Q 48-50): In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Morality is identified with ethics and symbolises the doctrine of actions right or wrong. Politics is the of expediency and need not always be..... If something is wrong andexpedient, it cannot be immoral.

48. If something is wrong andexpedient.

(a) merely (b) essentially (c) surely (d) hardly

49. and need not always be

(a) wrong (b) right (c) neutral (d) different

50. Politics is theof expediency.

(a) source (b) collection (c) requirement (d) notion

ANSWERS

1. (d) **Explanation:** According to the statement, 80% of the total runs were made by spinners. So, I does not follow. Nothing about the opening

batsmen is mentioned in the statement. So, II also does not follow. 2. (d)

Explanation: The statement concentrates on the increasing viewership of TV and does not stress either on increasing the readership of newspapers or making studies regarding the same. So, neither I nor II follows. 3. (e) **Explanation:** According to the statement, Government has spoiled financial institutions by appointing bureaucrats as Directors. This means that only those persons should be appointed as Directors who are experts in finance and are acquainted with the financial work of the institute. So, both I and II follow. 4. (d) **Explanation:** Parsley, Basil and Dill are types of herbs. Mayonnaise is not an herb. 5. (b)

Explanation: An ounce measures weight, the other choices measure length. 6. (d) **Explanation:** Tyre, Steering wheel and Engine are all parts of a car. 7. (d) **Explanation:** Pain is suffering or hurt, so choice d is the essential element. Without hurt, there is no pain. A cut (choice a) or a burn (choice b) may cause pain, but so do many other types of injury. A nuisance (choice c) is an annoyance that may or may not cause pain.

8. (a) **Explanation:** A gala indicates a celebration, the necessary element here. A tuxedo (choice b) is not required garb at a gala, nor is an appetizer (choice c). A gala may be held without the benefit of anyone speaking (choice d).

9. (b) **Explanation:** The essential part of a monopoly is that it involves exclusive ownership or control.

10. (d) **Explanation:** A guitar does not exist without strings, so strings are an essential part of a guitar. A band is not necessary to a guitar (choice a). Guitar playing can be learned without a teacher (choice b). Songs are byproducts of a guitar (choice c). 11. (a) 12. (a) 13. (a) 14. (d) 15. (a) 16. (a) 17. (a) 18. (c) 19. (c) 20. (a) 21. (b) 22. (d) 23. (d) 24. (c) 25. (b) 26. (b) 27. (a) 28. (a) 29. (b) 30. (b) 31. (d) 32. (a) 33. (a) 34. (c) 35. (a) 36. (b) 37. (d) 38. (a) 39. (c) 40. (a) 41. (a) **Explanation:** Total cost = Rs (450 × 5 + 750 × 4 + 750 × 12) = Rs 14250.

Average expenditure per article = Rs $\left(\frac{14250}{21}\right)$ = Rs 678.57 = Rs 678.50.

42. (a) **Explanation:** Let the original fraction be $\frac{x}{y}$. Then,

$$\frac{x+2}{y+3} = \frac{7}{9} \Rightarrow 9(x+2) = 7(y+3) \Rightarrow 9x - 7y = 3 \dots (i)$$

$$\text{And, } \frac{x-1}{y-1} = \frac{4}{5} \Rightarrow 5(x-1) = 4(y-1) \Rightarrow 5x - 4y = 1 \dots (ii)$$

On solving (i) and (ii), we get x = 5 and y = 6.

$$\therefore \text{Original fraction} = \frac{5}{6}$$

43. (b) **Explanation:** Let the required ratio be x years ago, Then,

$$\frac{40-x}{600-x} = \frac{3}{5} \Rightarrow 5(40-x) = 3(60-x) \Rightarrow 2x = 20 \Rightarrow x = 10.$$

44. (a) **Explanation:** 30% of 180 + x% of 150 = 50% of (180 + 150)

$$\Rightarrow \left(\frac{30}{100} \times 180\right) + \left(\frac{x}{100} \times 150\right) = \left(\frac{50}{100} \times 330\right)$$

$$\Rightarrow 54 + \frac{3x}{2} = 165 \Rightarrow \frac{3x}{2} = (165 - 54) = 111 \Rightarrow x = \left(111 \times \frac{2}{3}\right) = 74$$

Required marks = 74%.

45. (a) **Explanation:** Length of the carpet = $\left(\frac{10800}{90}\right)$ m = 120 m.

$$\text{Area of the room} = \text{Area of the carpet} = \left(120 \times \frac{75}{100}\right) \text{m}^2 = 90 \text{m}^2.$$

$$\text{Breadth of the room} = \frac{\text{Area}}{\text{Length}} = \frac{90}{15} \text{m} = 6 \text{m}.$$

46. (a) 47. (b) 48. (a) 49. (b) 50. (d)