



# 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।

## 1. Which word does not belong with the others?

(a) Branch (b) Dirt (c) Leaf (d) Root

**Directions (Q 2-4):** In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and the basis of the information given in the statement, decide which of the suggested courses of action logically follow (s) or pursue.

Give answer (a) if only I follows; (b) if only II follows; (c) if either I or II follows; (d) if neither I nor II follows and (e) if both I and II follow.

**2. Statement:** It is reported that though vitamin E present in fresh fruits and vegetables is beneficial for human body, capsule vitamin E does not have the same effect on human body.

**Courses of action:** I. The sale of capsule Vitamin E should be banned.

II. People should be encouraged to take fresh fruits and vegetables to meet the body's requirement of Vitamin E.

**3. Statement:** A large number of people visiting India from country X have been tested positive for carrying viruses of a killer disease.

**Courses of action:** I. The government of India should immediately put a complete ban on people coming to India from country X including those Indians who are settled in country X.

II. The government of India should immediately set up detection centres at all its airports and seaports to identify and quarantine those who are tested positive.

**4. Statement:** The Minister said that the teachers are still not familiarised with the need, importance and meaning of population education in the higher education system. They are not even clearly aware about their role and responsibilities in the population education programme.

**Courses of action:** I. Population education programme should be included in the college curriculum.

II. Orientation programme should be conducted for teachers on population education.

## 5. Which dynasty was rulling in Vijaynagar empire at the time of the Battle of Talikota?

(a) Sangam (b) Aniridu (c) Tuluva (d) Saluva

## 6. Which one of the following components is used as an amplifying device?

(a) Transformer (b) Diode (c) Capacitor (d) Transistor

## 7. Which of the following gases is used in preparation of bleaching power?

(a) Oxygen (b) Hydrogen (c) Nitrogen (d) Chlorine

## 8. The World's largest island is .....

(a) Greenland (b) Iceland (c) New Guinea (d) Madagascar

## 9. Sea water is saltier than rain water because

(a) sea animals are salt producing (b) the air around the sea is saltiest (c) rivers wash away salts from earth and pour them into the sea (d) sea beds have salt producing mines

## 10. The unit of measurement of noise is

(a) Decibel (b) Hertz (c) Amplifier (d) Acoustics

## 11. Which of the following is the most important raw material for generation of power in India?

(a) Mineral Oil (b) Natural Gas (c) Uranium (d) Coal

## 12. Which of the following is the treatment of water pollution?

(a) Bag house filter (b) Windrow composting (c) Venturi Scrubber (d) Reverse Osmosis

## 13. Harvesting season of Kharif crop in India is .....

(a) January-March (b) February-April (c) September-October (d) November-January

## 14. Potassium Permanganate is used for purifying drinking water, because .....

(a) it is a reducing agent (b) it is an oxidising agent (c) it is a sterilising agent (d) it dissolves the impurities of water

## 15. Which cells in the pancreas produce insulin?

(a) Thymus (b) Estrogen (c) Corpus epididymis (d) Islets of langerhans

## 16. Kinetic energy depends on

(a) the velocity or speed of the moving body (b) the mass of the moving body (c) the pressure of the moving body (d) both mass and velocity of the moving body

## 17. Who among the following Sikh Gurus laid the foundation of Amritsar?

(a) Guru Amar Das (b) Guru Ram Das (c) Guru Arjan Dev (d) Guru Har Govind

## 18. Which of the following monuments is known as 'The National Monument of India'?

(a) The India Gate (b) The Gateway of India (c) The Raj Ghat (d) The Red Fort

## 19. The largest irrigation canal in India is the .....

(a) Yamuna canal (b) Indira Gandhi canal (c) Sirhand canal (d) Upper Bari Doab canal

## 20. The largest artery in human body is

(a) Aorta (b) Capillary (c) Vena cava (d) Pulmonary vein

## 21. The Beighton Cup is associated with which of the following?

(a) Cricket (b) Hockey (c) Football (d) Volleyball

## 22. Who is referred to as 'Frontier Gandhi'?

(a) Sheikh Abdullah (b) Manilal Gandhi (c) Khan Abdul Gaffar Khan (d) Gopal Krishna Gokhale

## 23. The HCF of two numbers is 4 and their LCM is 60. If one of those numbers is 20, what is the other number?

(a) 9 (b) 12 (c) 16 (d) 15

**24. The areas of three fields are 165 sq m, 195 sq m and 185 sq m respectively. From these, flower beds of equal size are to be made. If the breadth of each bed be 3 metres, what will be the maximum length of each bed?**

(a) 7 m (b) 8 m (c) 4 m (d) 5 m

**25. Price of an article is reduced by 20%. To bring the price to the original, how much increase will be done on its cost?**

(a) 12.5% (b) 20% (c) 25% (d) 37.5%

**26. If 40% of  $\frac{4}{5}$  of  $\frac{3}{4}$  of a number is 48, what is 1% of the same number?**

(a) 20 (b) 2 (c) 10 (d) 1

**Directions (Q 27-30): In each of the following questions, choose the word opposite in meaning to the given word.**

**27. JEER**

(a) Mock (b) Praise (c) Sneer (d) None of these

**28. ADEQUATE**

(a) Decent (b) Correct (c) Useful (d) Scanty

**29. PLACATE**

(a) Gentle (b) Antagonise (c) Embroil (d) None of these

**30. PROHIBIT**

(a) Permit (b) Agree (c) Block (d) None of these

### ANSWERS

1. (b) **Explanation:** A branch, leaf and root are all parts of a tree. The dirt underneath is not a part of the tree. 2. (b)

**Explanation:** The statement implies that capsule Vitamin E does not function so effectively as natural Vitamin E. Since no negative effect of capsule Vitamin E is mentioned, so I does not follow. Hence, only II follows. 3. (b) **Explanation:** Clearly, the non-infected persons should not be debarred

from visiting India. So, only course II follows. 4. (b)

**Explanation:** Clearly, the statement stresses on teachers' lack of awareness and knowledge in population education and as such the best remedy would be to guide them in this field through orientation programmes. So, only course II follows. 5. (c) 6. (d) 7. (d) 8. (a) 9. (c) 10. (a) 11. (d) 12. (d) 13. (c) 14. (b) 15. (d) 16. (d) 17. (b) 18. (a) 19. (b) 20. (a) 21. (b) 22. (c)

23. (b) **Explanation:** Other number =  $\frac{4 \times 60}{20} = 12$

24. (d) **Explanation:**  $\therefore$  Maximum area of a flower bed = HCF of 165, 195 and 285 = 15

$\therefore$  Length of a flower bed =  $\frac{15}{3} = 5$  metres

25. (c) **Explanation:** Required increase percentage =

$$\frac{20 \times 100}{100 - 20} = \frac{2000}{80} = 25$$

26. (b) **Explanation:** Let the number be x

$$\therefore 40\% \text{ of } \frac{4}{5} \text{ of } \frac{3}{4} \text{ of } x = 48$$

$$\text{or, } x \times \frac{4}{5} \times \frac{3}{4} \times \frac{40}{100} = 48$$

$$\therefore x = \frac{48 \times 5 \times 4 \times 100}{4 \times 3 \times 40} = 200$$

$$\therefore 1\% \text{ of } 200 = 200 \times \frac{1}{100} = 2.$$

27. (b) 28. (d) 29. (b) 30. (a)