



**FEDERAL PUBLIC SERVICE COMMISSION**  
**COMPETITIVE EXAMINATION-2025 FOR RECRUITMENT TO**  
**POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT**  
**GENERAL KNOWLEDGE-I (GENERAL SCIENCE & ABILITY)**

Roll Number

<b>TIME ALLOWED: THREE HOURS</b>	<b>(PART-I MCQs) MAXIMUM MARKS: 20</b>
<b>PART-I (MCQs) : MAXIMUM 30 MINUTES</b>	<b>(PART-II) MAXIMUM MARKS: 80</b>
<b>NOTE: (i) First attempt PART-I (MCQs) on separate OMR Answer Sheet which shall be taken back after 30 minutes.</b>	
<b>(ii) Overwriting/cutting of the options/answers will not be given credit.</b>	
<b>(iii) There is no negative marking. All MCQs must be attempted.</b>	

**PART-I (MCQs)(COMPULSORY)**

**Q.1. (i) Select the best option/answer and fill in the appropriate Box ☐ on the OMR Answer Sheet. (20x1=20)**  
**(ii) Answers given anywhere else, other than OMR Answer Sheet, will not be considered.**

1. **‘Blue dwarfs’ and ‘Red giants’ respectively refer to:**

- (A) Moons of Jupiter (B) Young star and Old star (C) Old star and Young star (D) None of these

2. **Most major Tsunamis are produced by earthquakes with hypocenters less than:**

- (A) 30 km (B) 40 km (C) 50 km (D) None of these

3. **Which of the following source of energy is caused by uneven heating of earth’s surface?**

- (A) Wind (B) Solar (C) Biomass (D) None of these

4. **Global winds towards western direction are known as:**

- (A) Trade winds (B) Western winds (C) Reynolds wind (D) None of these

5. **Perinatal transmission is said to occur when a pathogen is transmitted from:**

- (A) Non-human to human (B) Infected to uninfected (C) Mother to infant (D) None of these

6. **Which of the plant group needs both land and water to complete their life cycle?**

- (A) Bryophyta (B) Tracheophyta (C) Thallophyta (D) None of these

7. **Maximum amount of carbohydrates are obtained from:**

- (A) Nuts (B) Plant oil (C) Whole grain food (D) None of these

8. **Which of the following class has the largest number of animals?**

- (A) Fishes (B) Insects (C) Mammals (D) None of these

9. **The process of preserving meat by stewing in a covered earthenware jug is called:**

- (A) Burial (B) Jugging (C) Curing (D) None of these

10. **All operating systems get their total memory initialized from:**

- (A) BIOS (B) RAM (C) ROM (D) CPU

11. **The amount of data transmitted for a given amount of time is called:**

- (A) Noise (B) Bandwidth (C) Frequency (D) None of these

12. **Which of the following products can be prepared using raw guava?**

- (A) Jam (B) Jelly (C) Both (A) and (B) (D) None of these

13. **Which of the following is used as a stabilizer in ice cream?**

- (A) Sugar (B) Milk (C) Gelatin (D) None of these

14. **In the structure of fiber, the light is guided through the core due to total internal:**

- (A) Reflection (B) Refraction (C) Diffraction (D) None of these

15. **Who is known as the inventor of Artificial Intelligence?**

- (A) Charles Babbage (B) John McCarthy (C) Alan Turing (D) None of these

16. **Which of the following is the common language for Artificial Intelligence?**

- (A) Java (B) Python (C) Lisp (D) None of these

17. **Cement factory labourer are prone to:**

- (A) Leukemia (B) Cytosilicosis (C) Bone marrow (D) None of these

18. **The fastest enzyme is:**

- (A) Pepsin (B) DNA polymerase (C) Carbonic anhydrase (D) None of these

19. **Process of adding vitamins to milk is known as:**

- (A) Flavoring (B) Fortification (C) Fermentation (D) None of these

20. **The waves which are used for line of sight (LOS) communication are called:**

- (A) Space waves (B) Cable waves (C) Antenna waves (D) None of these

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