



GEETA DEVI DAV PUBLIC SCHOOL

BHANDARKOLA, SATAR ROAD, DEOGHAR

ENGLISH

Answer the following questions by choosing the most appropriate option:

- Which of the following is a complete sentence?**
 - The dog runs quickly.
 - Although tired.
 - Running in the park.
- Identify the noun in the sentence: "The sun is shining brightly."**
 - sun
 - shining
 - Brightly
- Choose the correct form of the verb: "She _____ to the store yesterday."**
 - go
 - goes
 - went
- What is the correct plural form of "child"?**
 - childs
 - childes
 - children
- Which sentence is in the passive voice?**
 - The cat chased the mouse.
 - The mouse was chased by the cat.
 - Chasing the mouse, the cat ran.
- Identify the correct punctuation: "My favorite colors are red blue and green."**
 - My favorite colors are red, blue, and green.
 - My favorite colors are red; blue and green.
 - My favorite colors are red blue and green.
- What part of speech is the word "quickly" in the sentence: "She ran quickly to catch the bus."**

- (a) Noun
 - (b) Verb
 - (c) Adverb
8. **Which sentence is grammatically correct?**
- (a) Neither of them is coming to the party.
 - (b) Neither of them are coming to the party.
 - (c) Neither of them am coming to the party.
9. **In the sentence "He plays the guitar," what is the direct object?**
- (a) He
 - (b) plays
 - (c) guitar
10. **Identify the antonym for "joyful."**
- (a) Sad
 - (b) Happy
 - (c) Excite
11. **Which sentence uses correct subject-verb agreement?**
- (a) The team are playing well.
 - (b) The team is playing well.
 - (c) The team were playing well.
12. **What is the comparative form of "happy"?**
- (a) Happiest
 - (b) Happyer
 - (c) Happier
13. **Choose the correct possessive form: "The book belongs to Sarah and Mark."**
- (a) Sarah and Mark's book
 - (b) Sarah's and Mark's book
 - (c) Sarah's and Marks' book
 - (d)
14. **What is the correct form of the adjective in "It was the _____ day of my life."?**
- (a) Good
 - (b) Better
 - (c) Best

15. **Which sentence is in the subjunctive mood?**
- (a) If he was here, he would help.
 - (b) If he were here, he would help.
 - (c) If he is here, he would help.
16. **Identify the preposition in the sentence: "The cat is on the roof."**
- (a) cat
 - (b) is
 - (c) on
17. **What is the correct form of the verb: "She _____ to the party last night."**
- (a) goes
 - (b) go
 - (c) went
18. **Choose the correct article: "I saw ___ eagle in the sky."**
- (a) a
 - (b) an
 - (c) the
19. **Identify the gerund in the sentence: "Swimming is my favorite activity."**
- (a) Swimming
 - (b) is
 - (c) activity
20. **What is the correct plural form of "person"?**
- (a) persons
 - (b) people
 - (c) peoples
21. **Which sentence uses correct parallel structure?**
- (a) He likes swimming and to jog.
 - (b) He likes swimming and jogging.
 - (c) He likes to swim and jogging.
22. **In the sentence "The flowers are beautiful," what is the predicate?**
- (a) The
 - (b) flowers
 - (c) are beautiful

23. Choose the correct form of the adjective: "This is the _____ book I've ever read."
(a) Good
(b) Better
(c) Best
24. Which sentence uses correct verb tense consistency?
(a) She eats healthy and exercises daily.
(b) She eats healthy and exercised daily.
(c) She ate healthy and exercises daily.
25. Which sentence is correctly punctuated?
(a) Where are you going?
(b) Where, are you going?
(c) Where are you going.

MATHEMATICS

1. The reciprocal of $\frac{5}{6}$ is:
(a) $\frac{6}{5}$ (b) $\frac{5}{6}$ (c) $-\frac{6}{5}$ (d) 1
2. Which of the following is a rational number?
(a) $\sqrt{2}$ (b) 0.5 (c) π (d) e
3. The solution of $2x + 5 = 15$ is:
(a) 2 (b) 5 (c) 10 (d) 15
4. If $x = 3$, what is the value of $3x - 7$?
(a) 2 (b) 3 (c) 9 (d) 10
5. A rectangle has:
(a) 4 sides of equal length (b) All sides are unequal
(c) Opposite sides equal and parallel (d) No right angle
6. What is the sum of all interior angles of a quadrilateral?
(a) 360° (b) 180° (c) 90° (d) 720°

7. The mean of 3, 6, 9, 12 is:
(a) 6 (b) 7.5 (c) 9 (d) 10
8. The mode of 2, 3, 5, 2, 7, 8, 2, 9 is:
(a) 2 (b) 5 (c) 7 (d) 8
9. The square root of 64 is:
(a) 6 (b) 8 (c) 10 (d) 4
10. Which of these numbers is a perfect square?
(a) 50 (b) 72 (c) 36 (d) 98
11. The cube root of $\frac{27}{8}$ is:
(a) 3 (b) 9 (c) 27 (d) $\frac{3}{2}$
12. Which of these numbers is a perfect cube?
(a) 15 (b) 10 (c) 12 (d) 8
13. The percentage equivalent of $\frac{3}{4}$ is:
(a) 25% (b) 50% (c) 75% (d) 100%
14. A discount of 20% on a shirt priced at ₹500 gives a reduction of:
(a) ₹ 80 (b) ₹ 100 (c) ₹ 120 (d) ₹ 150
15. The value of $3a + 2$ when $a = 4$ is:
(a) 10 (b) 12 (c) 14 (d) 20
16. What is the coefficient of x in $7x + 5$?
(a) 5 (b) -5 (c) X (d) 12
17. The area of a square and perimeter with side 4 cm is:
(a) 12 cm^2 (b) 16 cm^2 (c) 20 cm^2 (d) 24 cm^2
18. The volume of a cube with side 3 cm is:
(a) 9 cm^3 (b) 12 cm^3 (c) 27 cm^3 (d) 36 cm^3
19. The value of 2 to the power 3 is:
(a) 6 (b) 8 (c) 9 (d) 12
20. What is 5 to the power zero?
(a) 0 (b) 1 (c) 5 (d) 10

21. If 5 workers take 10 days to complete a task, how many days will 10 workers take?
(a) 20 (b) 15 (c) 5 (d) 25
22. If 12 pencils cost ₹48, what is the cost of 1 pencil?
(a) ₹ 4 (b) ₹ 5 (c) ₹ 16 (d) ₹ 20
23. The factors of $x^2 - 9$ are:
(a) $(x - 3)(x + 3)$ (b) $(x + 3)^2$ (c) $x(x - 9)$ (d) $x - 3$
24. Which of the following is a factor of $x^2 + 2x - 24$?
(a) $(x+6)(x - 4)$ (b) $x(x + 4)$ (c) $x^2 + 4x$ (d) $x - 4$
25. In a Cartesian plane, the point (0, 0) is called:
(a) X- axis (b) Y- axis (c) Origin (d) Mid-point

SCIENCE

1. The power house of cell is called
(a) Cell wall (b) Mitochondria (c) Ribosomes (d) Nucleus
2. Chloroplast is found in
(a) Plant cell only (c) Both of these
(b) Animal cell only (d) None of these
3. Mushroom belongs to
(a) Algae (b) Virus (c) Fungi (d) None of these
4. Malaria Is caused by
(a) Protozoa (b) Virus (c) Algae (d) Bacteria
5. There are__ __ pairs of chromosome in human cell.
(a) 23 (b) 46 (c) 22 (d) All are wrong
6. Fertilisation is called
(a) To produce sperm (c) Fusion of sperms and eggs
(b) To produce eggs (d) All of these

7. Foetus is the
(a) Well-developed embryo (c) A zygote
(b) Developing embryo (d) Male gamete
8. Egg are formed in the
(a) Testes (b) Penis (c) Ovary (d) None of these
9. The animals that produce new young ones are known as
(a) Oviparous (b) Viviparous (c) Both (d) None of these
10. When coal burns in air then
(a) Carbon dioxide is formed (c) Carbon monoxide is formed
(b) Sulphur dioxide is formed (d) Hydrogen gas is formed
11. An example of fossil fuel is
(a) Wood (b) Animal waste (c) Coal (d) All of these
12. Ignition temperature is
(a) Lowest temperature at catch fire (c) Any temperature
(b) Higher temperature at catch fire (d) None of these
13. The products of combustion are
(a) Carbon dioxide and water (c) Only carbon dioxide
(b) Oxygen and water (d) Only oxygen
14. Green House gas is
(a) Nitrogen (b) Oxygen (c) Methane (d) Carbon dioxide
15. CNG is a
(a) Polluted fuel (b) Clean fuel (c) Harmful fuel (d) None
16. Non-metals are:
(a) Generally liquids (c) Generally solids and gases
(b) Generally gases (d) Generally gases and liquids.
17. The metal which can be cut with a knife
(a) Sodium and potassium (c) Sodium and mercury
(b) Barium and calcium (d) Potassium and calcium.

18. When non-metals react with water then
(a) Hydrogen gas is formed (c) Non-metals don't react with water
(b) Carbon dioxide gas is formed (d) None of these.
19. The force between two charged bodies is called
(a) Muscular force (c) Magnetic force
(b) Gravitational force (d) Electrostatic force
20. When two forces act in opposite directions, then net force acting two forces
(a) Sum of two factors (c) Both of these
(b) Difference between two factors (d) None of these
21. Rolling friction is smaller than?
(a) Sliding friction (c) Fluid friction
(b) Static friction (d) All of the above
22. What kind of substances are known as lubricants
(a) Increase friction (c) Increase or decrease friction
(b) Decrease friction (d) None of these
23. Lightening occurs due to
(a) Electric discharge (c) Wind
(b) Rain (d) Lord Varun's anger
24. The hearing range of human ear is
(a) 20 Hz to 20,000 Hz (c) More than 20,000 Hz
(b) Less than 20 Hz (d) 20 Hz to 25,000 Hz
25. Large amplitude of sound vibrations will produce:
(a) Loud sound (b) Meak sound (c) Slow sound (d) Shreak

1. Which of the following is not in favour of multipurpose river valley projects -
(a) Control floods (b) Generate Hydroelectricity
(c) Large scale displacement (d) Provide water
2. What percentage of land should be under forest to maintain ecological balance -
(a) 20% (b) 25% (c) 33% (d) 45%
3. Which term is used for the plant community which grows without human interference -
(a) Plantation (b) Natural vegetation (c) Agriculture (d) Gardening
4. The area under forest is depleting due to -
(a) Natural calamity (b) Human Interference
(c) Climatic change (d) Water shortage
5. Which one of the following is the best quality of coal -
(a) Lignite (b) Bituminous (c) Anthracite (d) Peat
6. Mangal Pandey belonged to which one of the following places -
(a) Jhansi (b) Hyderabad (c) Barrackpore (d) Gwalior
7. Practice of looking down upon the Black's is known as -
(a) Religions (b) Racial law
(c) Racial discrimination (d) Imperialism
8. Who was the last Mughal ruler -
(a) Akbar (b) Aurangzeb
(c) Shah Alam II (d) Bahadur Shah Zafar II
9. Arya Samaj Was established by -
(a) Swami Dayanand Saraswati (b) Vivekanand
(c) Periyar Ramaswamy (d) Jyotiba Phule
10. The British shifted their capital from Calcutta to which other place in 1911 -
(a) Shimla (b) Madras (c) Bombay (d) New Delhi

11. The slogan “ do or die “ was given by –
(a) Jawaharlal Nehru (b) Mahatma Gandhi
(c) Balgangadhar Tilak (d) Sardar Vallabhbhai Patel
12. Agricultural production in India shot up due to -
(a) Blue revolution (b) White revolution
(c) Green revolution (d) Yellow revolution
13. Who imposed Emergency in India in 1975 -
(a) Morarji Desai (b) Indira Gandhi
(c) Lalbahadur Shastri (d) V.P.Singh
14. Who is known as the architect of the Indian constitution -
(a) Jawaharlal Nehru (b) Mahatma Gandhi
(c) Dr. B. R. Ambedkar (d) Balgangadhar Tilak
15. When India became a republic -
(a) 15th August 1947 (b) 26th January 1950
(c) 10th September 1955 (d) 12th July 1960
16. Which one of the following subjects comes under the union list -
(a) Foreign affairs (b) Forest
(c) Drugs and medicine (d) Police
17. Each member of Rajyasabha has a term of -
(a) 4 years (b) 5 years (c) 6 years (d) 7 years
18. Who is the present Loksabha speaker -
(a) Sumitra Mahajan (b) Mera Kumar
(c) Om Birla (d) J.P. Nanda
19. Who is the present Home minister of India -
(a) Rajnath Singh (b) Amit Shah
(c) Yogi Adityanath (d) Nirmal Sitaraman
20. Which is the largest state of India in terms of area -
(a) Bihar (b) Jharkhand (c) West Bengal (d) Rajasthan

21. Smallest state of India in terms of population -
(a) Goa (b) Arunachal Pradesh
(c) Sikkim (d) Jharkhand
22. When Jharkhand state was formed -
(a) 1999 (b) 2000 (c) 2001 (d) 2002
23. Who was the first chief minister of Jharkhand
(a) Shibu Soren (b) Arjun Munda
(c) Babulal Marandi (d) Raghuvar Das
24. Which is the highest peak of Himalayas in India -
(a) Mt. Everest (b) Kanchanjunga
(c) Andes (d) Godwin Austin
25. Which is the world's longest river?
(a) Ganga (b) Nile (c) Amazon (d) Indus