

DON BOSCO COMPETITIVE ADVANTAGE TEST (DB-CAT) 2023

CLASS 6

Name: _____

Div.: _____ Roll No.: _____

General Instructions:

- Before you begin, check the total number of printed pages.
- DB-CAT consists of a total of 50 questions as follows;

- Q 1-10 English
- Q 11-20 Mathematics
- Q 21-30 Science
- Q 31-40 History
- Q 41-50 Geography
- Q 51-60 General Knowledge / Current Affairs

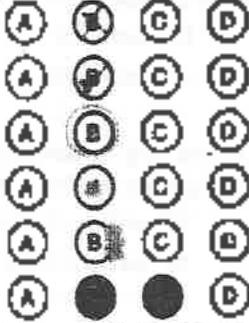
- The test is of 60 marks, with a time limit of 60 minutes.

OMR Related Instructions:

1. Each Multiple Choice Question (MCQ) has four options, of which only one is the correct answer.
2. Before marking your answers, carefully read each question and review all four options. Changing answers is not permitted.
3. Use a dark pen to mark your answers on the provided OMR sheet. Fully darken the bubble corresponding to your chosen option, as shown in the example below.

Example:

Question: The sun rises in the (a) north (b) west (c) west (d) south

Correct Method	Wrong Method
	

4. Responses with more than one darkened bubble or those not darkened as per instructions will be considered invalid.
5. Avoid making any stray marks on the sheet.
6. Write your name and other required information at the top of this sheet.

ENGLISH

1. What is the comparative form of the adjective 'beautiful'?

- a) beautifuller b) most beautiful
c) more beautiful d) beautifullest

2. The fruit seller _____ to our colony every day. (Choose the correct option in Simple Present)

- a) comes b) come
c) coming d) is coming

3. Please be kind to the beggar. (State the kind of sentence.)

- a) Assertive b) Imperative
c) Interrogative d) Exclamatory

4. Identify the Collective noun.

- a) tree b) Ganga
c) army d) water

5. We _____ the waiter and _____ the hotel. (Choose the correct option in Simple Past)

- a) pay, leave b) paid, leave
c) pay, left d) paid, left

6. What is the name of your dog (Punctuate the sentence)

- a) What is the name of your dog?
b) What is the name of your dog.
c) What is the name of your Dog?
d) What is the name of your Dog.

7. Select the Possessive Adjective.

- a) where b) our
c) what d) which

8. What is the Plural of 'buffalo'?

- a) buffalo b) buffalos
c) buffaloes d) buffaloos

9. Joy _____ in the singing competition. (Choose the correct option in Simple Future)

- a) participate b) will participate
c) participates d) participated

10. At last he got his _____. (Choose a suitable Abstract noun)

- a) laughter b) kindness
c) freedom d) bravery

MATHEMATICS

11. In the international system of numeration, one billion is written for _____.

- a) 1 crore b) 10 crores
c) 100 crores d) 1000 crores

12. Predecessor of which of the following numbers is a two-digit number?

- a) 10 b) 100
c) 101 d) 1010

13. If $4 = 2 \times 2$ and $15 = 3 \times 5$, then HCF of 4 and 15 is _____.

- a) 0 b) 1
c) 2 d) 3

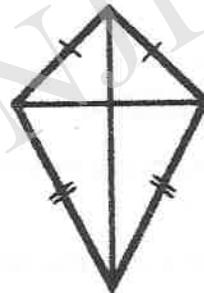
14. A line segment has _____.

- a) definite length b) infinite length but no endpoints
c) definite length and has endpoints d) None of these

15. The number of faces in a cone.

- a) 1 b) 2
c) 3 d) 4

16. How many lines of symmetry does the figure have?



- a) 1 b) 2
c) 3 d) 4

17. Fill in the box with the correct symbol $\frac{1}{2}$ $\frac{1}{1}$

- a) > b) <
c) = d) None of these

18. Which of the following letter has horizontal line of symmetry?

- a) S b) W
c) Y d) D

19. Which of the following numerals is incorrect?

- a) XLIV b) LXII
c) LC d) XCI

20. The multiples of 2 are also called _____.

- a) prime numbers b) composite numbers
c) even numbers d) odd numbers

SCIENCE

21. Among the following sets of animals given below, the set that comprises only of herbivores is _____.
- a) cow, crow, goat, deer b) cow, goat, rabbit, wolf
 c) cow, goat, deer, rabbit d) cow, crane, crow, camel
22. Carbohydrates can be tested by using _____.
- a) caustic soda b) iodine
 c) copper carbonate d) copper sulphate
23. Vitamins and minerals are _____.
- a) energy giving foods b) body-building foods
 c) protective foods d) roughage
24. Separation of fibers of cotton from its seeds is called _____.
- a) weaving b) spinning
 c) ginning d) knitting
25. The process in which water changes into vapour in atmosphere is _____.
- a) transpiration b) evaporation
 c) precipitation d) condensation
26. From the materials given, the one which is insoluble in water is _____.
- a) turmeric powder b) salt
 c) alum d) All are soluble
27. Butter is separated from milk by _____.
- a) decantation b) sedimentation
 c) filtration d) churning
28. Melting of gold is an example of _____.
- a) chemical change b) physical change
 c) physical and chemical change d) Neither physical nor chemical change
29. Parallel venation is not found in _____.
- a) sugarcane b) wheat
 c) maize d) peepal
30. The capital letters from the English alphabet which do not show lateral inversion are _____.
- a) I, O, U b) I, X, E
 c) N, Z, X d) A, E, I

HISTORY

31. Bhimbetka, an important archaeological site, is in present day _____.
- a) Arunachal Pradesh b) Uttar Pradesh
 c) Madhya Pradesh d) Andhra Pradesh
32. An _____ is a person who explores, excavates and studies the remains of building, coins, ornaments and weapons.
- a) architect b) archaeologist
 c) artist d) historian
33. Huge stone boulders called _____ were used to mark burial sites.
- a) megaliths b) rocks
 c) mortar d) microliths
34. 'The Discovery of India' is a book written by _____.
- a) Pandit Jawaharlal Nehru b) Mahatma Gandhi
 c) Subash Chandra Bose d) Rabindranath Tagore
35. _____ was the Chairman of the Drafting Committee of the Constituent Assembly.
- a) Sardar Vallabhbhai Patel b) Dr. B.R. Ambedkar
 c) Sarojini Naidu d) N. Madhava Rao
36. Mohen-jo-daro is situated in present day _____.
- a) Pakistan b) India
 c) Bangladesh d) Afghanistan
37. Which is the oldest and earliest Veda?
- a) Atharva Veda b) Yajur Veda
 c) Sam Veda d) Rigveda
38. In India, the government is elected for a period of _____ years.
- a) one b) three
 c) five d) ten
39. If a government wants to remain in power, then _____.
- a) the court has to pass a resolution b) they have to be re-elected
 c) a bill must be passed in the house d) an ordinary resolution has to be passed
40. During the Ashvamedha sacrifice, a _____ was let loose.
- a) horse b) elephant
 c) camel d) goat

GEOGRAPHY

41. The planet that is nearest to the Sun is _____
 a) Jupiter b) Mercury
 c) Saturn d) Mars
42. If India did not have a Standard Meridian, the time difference between Gujarat and Assam would be _____
 a) 1 hour and 45 minutes b) 2 hours and 45 minutes
 c) 1 hour d) 2 hours and 30 minutes
43. The axis of a globe passes through the _____
 a) Equator b) Torrid Zone
 c) North Pole and South Pole d) Tropic of Cancer
44. A leap year has _____ number of days.
 a) 365 b) 366
 c) 360 d) 364
45. The Earth revolves around the Sun in a/an _____ orbit.
 a) circular b) semi-circular
 c) elliptical d) geoid
46. The Pole Star indicates the _____ direction.
 a) east b) south
 c) west d) north
47. Which of the following is an intermediate direction?
 a) North b) North-East
 c) South d) West
48. Which of the following is an example of a Physical Map?
 a) A map showing rivers, mountains, plains etc.
 b) A map showing distribution of rainfall.
 c) A map showing boundaries of villages, states and countries.
 d) A map showing the railway network of India.
49. The colour 'blue' is used in maps to indicate _____
 a) water bodies b) plateaus
 c) mountains d) plains
50. Tiny bodies found between the orbits of Mars and Jupiter are called _____
 a) planets b) meteoroids
 c) asteroids d) satellites

G.K. / CURRENT AFFAIRS

51. The unit for atmospheric pressure is _____
 a) bar b) hertz
 c) ohm d) ampere
52. Complete the proverb 'A little knowledge...'
 a) makes a million think b) is a dangerous thing
 c) is better than no bread d) are soon parted
53. What is a mountain lion found in America called?
 a) Dingo b) Hyena
 c) Leopard d) Puma
54. Name the sport that is associated with these terms: 'anchor', 'bull's eye', 'robin hood', 'round'
 a) Billiards b) Tennis
 c) Archery d) Golf
55. Who discovered Pluto?
 a) William Herchel b) Johann Galle
 c) Clyde Tombaugh d) None of these
56. A 419-million-year-old Chinese Fossil recently proved the evolution of Human Middle Ear from which creature?
 a) Chimpanzee b) Turtle
 c) Mouse d) Fish
57. Which Indian cricketer created a world record for scoring the most runs in an over in test cricket?
 a) Virat Kohli b) Rohit Sharma
 c) Jasprit Bumrah d) Ravindra Jadeja
58. What is the specialty of the 'super worms' which were recently demonstrated in a study?
 a) Prevents water pollution b) Lives in the moon
 c) Consumes plastic d) Used in Hydroponics
59. '2022 Resilient Democracies' is associated with which global association?
 a) G-20 b) G-7
 c) BRICS d) ASEAN
60. Which state is set to build the country's first 'Education Township'?
 a) Kerala b) Punjab
 c) Uttar Pradesh d) New Delhi