

Reg. No

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Time: 2 Hours

Max. Marks: 100

Name of the student: **Div:**

Name of the school :

Instructions:

- All questions are compulsory.
- Each objective question carries 2 marks each.
- Skill assessment questions carry 10 marks each.
- The total marks for the exam are 100.
- Choose the most appropriate answer from the given options and use the provided answer sheet for recording your answers.

1. What is the name given to the transformation of a caterpillar into a butterfly?

- a) Evolution
- b) Metamorphosis
- c) Mutation
- d) Adaptation

2. Which continent is known as the ‘Land Down Under’?

- a) Africa
- b) Australia
- c) Antarctica
- d) Asia

3. Which of the following is the main organ of the circulatory system?

- a) Heart
- b) Liver
- c) Kidney
- d) Lung

4. Match the columns by choosing the correct option

Column I	Column II
A Crow	1. Arboreal animal
B Monkey	2. Fixed aquatic
C Frog	3. Aerial animal
D Lily	4. Amphibian

a) A-3; B-1; C-4; D-2

b) A-2; B-1; C-3; D-4

c) A-4; B-3; C-1; D-4

d) A-1; B-2; C-3; D-4

5. Which is the smallest bone in the human body?

a) Femur

b) Tibia

c) Stapes

d) Humerus

6. Identify the landmark shown in the image.



a) Statue of Liberty

b) Eiffel Tower

c) Leaning Tower of Pisa

d) Big Ben

7. Which chemical element has the symbol 'O'?

a) Gold

b) Oxygen

c) Silver

d) Iron

8. Hirakud dam is the longest dam in India. It is located in _____

a) Chhattisgarh

b) Madhya Pradesh

c) Maharashtra

d) Orissa

9. Which country does Praggnanandhaa represent in chess competitions?

a) India

b) Russia

c) USA

d) England

10. What type of energy is produced by water bodies?

- a) Solar
- b) Nuclear
- c) Hydroelectric
- d) Wind

11. What is India's rank in the world by land area?

- a) 5th
- b) 7th
- c) 10th
- d) 12th

12. What is the outermost layer of the Earth called?

- a) Crust
- b) Mantle
- c) Core
- d) Lithosphere

13. What unit do we use to measure long distances?

- a) Kilometre
- b) Centimetre
- c) Meter
- d) Millimeter

14. Identify the animal that made the tracks shown in the image.



- a) Bear
- b) Deer
- c) Dog
- d) Cat

15. What was the name of the first artificial satellite launched into space?

- a) Sputnik
- b) Apollo
- c) Voyager
- d) Hubble

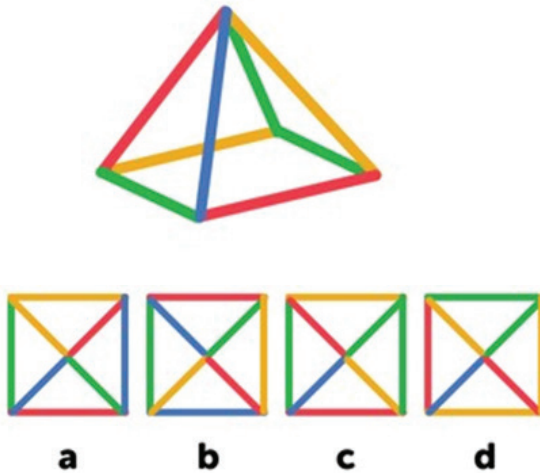
16. Which vitamin is necessary for blood clotting?

- a) Vitamin A
- b) Vitamin B12
- c) Vitamin C
- d) Vitamin K

17. Which of the following is a famous Indian classical music form?

- a) Rock
- b) Jazz
- c) Carnatic
- d) Pop

18. Which is the top view of the given image?



19. What do you call the study of Earth?

- a) Biology
- b) Geology
- c) Ecology
- d) Paleontology

20. What type of animal is a dolphin?

- a) Fish
- b) Mammal
- c) Bird
- d) Reptile

21. Which of the following is NOT a property of a rectangle?

- a) Opposite sides are equal
- b) All sides are equal
- c) It has four right angles
- d) The diagonals bisect each other

22. Which Indian mission successfully landed on the Moon in August 2023?

- a) Mangalyaan
- b) Chandrayaan-3
- c) Gaganyaan
- d) Vikram Mission

23. The emblem given here is belonged to the state of _____.



- a) Tamil Nadu
- b) Karnataka
- c) Kerala
- d) Andhra Pradesh

24. What causes the tides in the oceans?

- a) The Moon's gravity
- b) The sun's heat
- c) Wind
- d) Earthquakes

25. Which is the most abundant component of the air we breathe?

- a) Oxygen
- b) Nitrogen
- c) Carbon dioxide
- d) Hydrogen

26. What is the smallest unit of life?

- a) Atom
- b) Molecule
- c) Cell
- d) Organ

27. Which continent is the Amazon Rainforest located in?

- a) Africa
- b) South America
- c) Asia
- d) Europe

28. What is the capital of Maharashtra?

- a) Pune
- b) Nagpur
- c) Mumbai
- d) Nashik

29. What type of number is divisible by two?

- a) Odd
- b) Even
- c) Prime
- d) Composite

30. What type of tree do acorns come from?

- a) Pine
- b) Maple
- c) Oak
- d) Birch

31. What is the new name for Twitter after its acquisition by Elon Musk in 2022?

- a) TweetDeck
- b) X
- c) Bluebird
- d) TwitFace

32. What gas do plants absorb from the environment to perform photosynthesis?

- a) Oxygen
- b) Nitrogen
- c) Carbon dioxide
- d) Argon

33. What natural phenomenon is characterised by shaking ground?

- a) Tornado
- b) Earthquake
- c) Tsunami
- d) Volcano

34. What do we call the point on Earth's surface directly above the focus of an earthquake?

- a) Epicentre
- b) Hypocenter
- c) Core
- d) Mantle

35. Which of the following is not a mammal?

- a) Whale
- b) Shark
- c) Human
- d) Bat

36. What is the formula for calculating the area of a rectangle?

- a) Length x Width
- b) Length + Width
- c) (Length x Width) / 2
- d) 2 x (Length + Width)

37. Which of the following is the odd one out?

Apple, Banana, Grape, Carrot

- a) Apple
- b) Banana
- c) Grape
- d) Carrot

38. What number comes next in the following series?

1, 1, 2, 3, 5, 8, ____

- a) 10
- b) 11
- c) 12
- d) 13

Read the below conversation and fill in the blanks

Lila: "Hey, Raj! Are you excited about the school trip to the science museum tomorrow?"

Raj: "Absolutely! I can't wait to see the dinosaur exhibit. I heard they have a life-sized ____ (39) ____."

Lila: "I know! And I heard there will be a special workshop on space exploration. We might even get to build a ____ (40) ____!"

Raj: "That sounds amazing! I hope we can take lots of pictures. Remember to bring your camera!"

Lila: "Definitely! This trip is going to be unforgettable."

Questions:

39. I heard they have a life-sized ____.

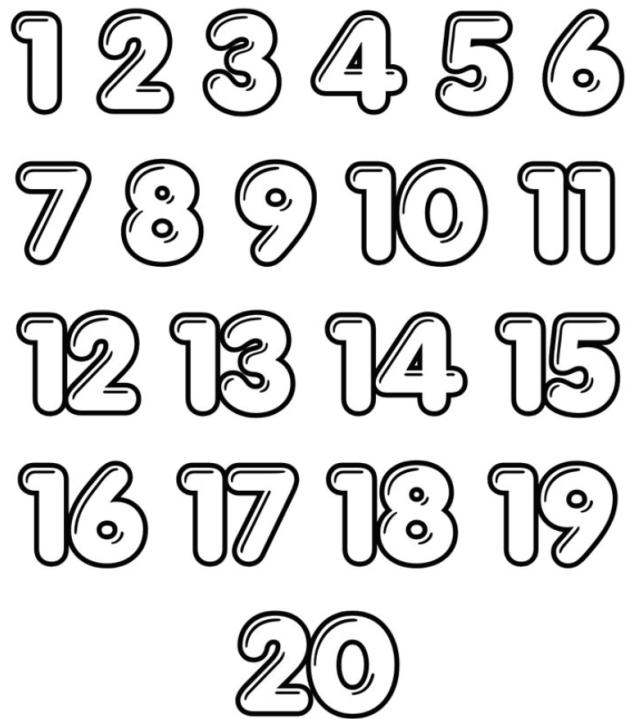
- a) robot
- b) dinosaur
- c) astronaut
- d) planet

40. We might even get to build a _____!

- a) rocket
- b) car
- c) model
- d) computer

SKILL ASSESSMENT

I) Use five different colours to shade any five prime numbers in the given picture



II) Redraw the given picture and colour it exactly the same way using the same colours.

