



Minervaa International Scholarship Examinations

Sample Question Paper

Class- 4

Subject- Science



LOGICAL REASONING

1. Logan drew a parallelogram as shown below. Then he cuts along the line and slides the triangle to the opposite side. Which figure did he get after this move ?



- a. A pentagon
b. A rectangle
c. A square
d. A triangle
2. Which of the following is correct?
- a) North is opposite to East
b) East is left of North
c) South is left of East
d) West is right of North
3. How many of the following letter pairs are in correct alphabetical sequence?
1. G before J
2. M after K
3. Z before Y
4. B after A
- a) 1 b) 2 c) 3 d) 4
4. How many letters are there between the 5th and 12th letter of the English alphabet?
- a) 6 b) 7 c) 8 d) 9
5. If PEN = QFO, what is the code for TEN?
- a) UEO b) UFN c) UEO d) UFO

SCIENCE

6. Which of the following can exist in all three states—solid, liquid, and gas?

- a) Rock b) Water c) Air d) Wood

7. Look at the table and identify the incorrect pairing:

Substance	State
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Oxygen	Gas
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Ice	Liquid
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Juice	Liquid
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Iron rod	Solid
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- a) Oxygen – Gas b) Ice – Liquid
c) Juice – Liquid d) Iron rod – Solid

8. How many of these are liquids at room temperature?

1. Water
2. Petrol
3. Ice
4. Honey

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

9. Match the process with the correct change of state:

- | | |
|-----------------|--------------------|
| A. Melting | 1. Gas to liquid |
| B. Freezing | 2. Solid to liquid |
| C. Condensation | 3. Liquid to solid |
| D. Evaporation | 4. Liquid to gas |

- a) A-2, B-3, C-1, D-4
b) A-4, B-1, C-3, D-2
c) A-1, B-2, C-3, D-4
d) A-2, B-1, C-3, D-4

10. Identify the image showing condensation:

1)



2)



3)



4)



1. Steam rising from a kettle
2. Water droplets on a cold glass
3. Ice melting
4. Clouds forming

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

11. Choose the correct sequence:

Solid → ? → Liquid → ? → Gas

- a) Melting, Boiling
- b) Freezing, Melting
- c) Condensation, Freezing
- d) Melting, Evaporation

12. Which of these birds has strong, curved claws for catching prey?

a) Parrot b) Owl c) Peacock d) Hen

13. Match the beak to the bird's food habit:

Bird	Type of Beak
Parrot	a. Cracking nuts
Eagle	b. Tearing flesh
Duck	c. Scooping
Hummingbird	d. Sucking nectar

- a) Parrot-a, Eagle-b, Duck-c, Hummingbird-d
- b) Parrot-b, Eagle-a, Duck-d, Hummingbird-c
- c) Parrot-d, Eagle-a, Duck-b, Hummingbird-c
- d) Parrot-a, Eagle-c, Duck-b, Hummingbird-d

14. Look at the picture of this bird's foot. What is the bird most likely good at?



a) Running b) Climbing c) Flying d) Swimming

15. How many of these are true about birds?

1. Birds have beaks
2. Birds chew food using teeth
3. Birds lay eggs
4. Some birds fly at high altitudes

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

16. Match the birds to where they live:

Bird	Home
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Hen	a. Water
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Penguin	b. Coop
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Duck	c. Snowy land
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Owl	d. Tree
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a) Hen-b, Penguin-c, Duck-a, Owl-d

b) Hen-d, Penguin-b, Duck-c, Owl-a

c) Hen-a, Penguin-c, Duck-b, Owl-d

d) Hen-b, Penguin-d, Duck-a, Owl-c

17. Which of the following protects the inner organs of our body?

a) Muscles

b) Bones

c) Blood

d) Skin

18. Match the organ to its function:

Organ	Function
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Brain	a. Pumps blood
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Lungs	b. Helps in breathing
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Heart	c. Controls the body
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Stomach	d. Digests food
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a) Brain-c, Lungs-b, Heart-a, Stomach-d

b) Brain-b, Lungs-a, Heart-d, Stomach-c

c) Brain-d, Lungs-c, Heart-b, Stomach-a

d) Brain-a, Lungs-c, Heart-b, Stomach-d

19. Which of the following is not an internal organ?

a) Heart

b) Skin

c) Lungs

d) Brain

20. How many of these statements are correct?

1. Skin is the largest organ

2. The heart helps in digestion

3. Eyes help us see

4. The brain controls body activities

a) 1

b) 2

c) 3

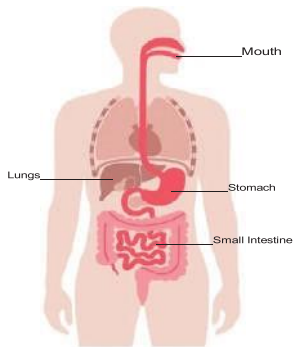
d) 4

21. Look at the image of these parts: What do they help us do?



- a) Think b) Digest c) Move d) Breathe

22. Identify the wrongly labelled organ in this image showing the digestive system.



- a) Mouth b) Stomach c) Lungs d) Small intestine

23. Which of these is a correct statement?

- a) Bones are soft and flexible
- b) Eyes help in digestion
- c) Muscles help in movement
- d) Ears pump blood

24. What causes day and night on Earth?

- a) Earth's revolution
- b) Earth's rotation
- c) Moonlight
- d) Sun's movement

25. Match the celestial body to its feature:

Body	Feature
Sun	a. Reflects sunlight
Earth	b. We live on it
Moon	c. Star
Mars	d. Known as Red Planet

- a) Sun—c, Earth—b, Moon—a, Mars—d
- b) Sun—b, Earth—c, Moon—d, Mars—a
- c) Sun—d, Earth—a, Moon—b, Mars—c
- d) Sun—a, Earth—b, Moon—c, Mars—d

26. Which planet is known as the “Red Planet”?

- a) Earth b) Venus c) Mars d) Jupiter

27. Identify the image showing the Moon’s crescent phase.



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

28. Which of the following is not a planet?

- a) Mercury b) Sun c) Neptune d) Saturn

29. Choose the correct order (closest to farthest from the Sun):

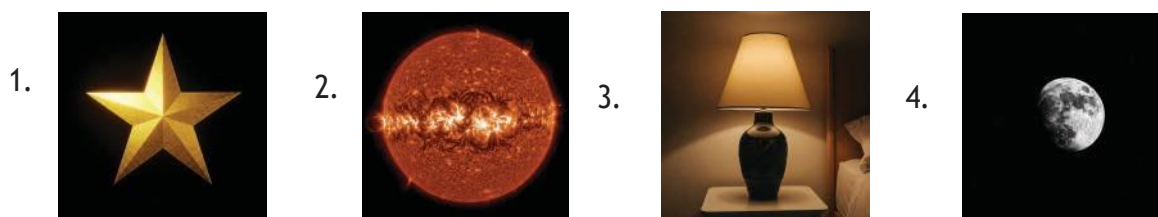
- a) Earth – Venus – Mercury
b) Mercury – Venus – Earth
c) Venus – Earth – Mercury
d) Mars – Earth – Venus

30. Riddle:

I shine at night, but I’m not a star,
I follow the Earth but never go far.
I change my shape almost every night,
Who am I glowing in soft white light?

- a) Mars b) Star c) Moon d) Comet

31. Identify the object that does not produce its own light.



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

32. Which of the following actions helps protect the environment?

- a) Throwing garbage in rivers
b) Burning dry leaves
c) Planting more trees
d) Using plastic bags

33. Match the item to how it affects the environment:

Item	Impact
Plastic bags	a. Pollutes water and soil
Trees	b. Provides oxygen
Factories	c. Releases smoke
Bicycles	d. Reduces air pollution

- a) Plastic—a, Trees—b, Factories—c, Bicycles—d
- b) Plastic—d, Trees—a, Factories—b, Bicycles—c
- c) Plastic—c, Trees—d, Factories—a, Bicycles—b
- d) Plastic—b, Trees—c, Factories—d, Bicycles—a

34. How many of these activities are good for nature?

- 1. Planting trees
- 2. Using reusable bottles
- 3. Throwing waste on roads
- 4. Saving electricity

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

35. Which picture shows pollution?

1.



2.



3.



4.



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

36. Which statement is incorrect?

- a) Smoke from cars pollutes the air
- b) We should waste clean water
- c) Loud sounds are noise pollution
- d) Plastic can harm sea animals

37. Identify the odd one out (based on pollution type):

- a) Honking cars
- b) Burning garbage
- c) Oil spill
- d) Book reading

38. Match the season to the correct clothing:

Season	Clothing
Summer	a. Cotton clothes
Winter	b. Woollen clothes
Rainy	c. Raincoat
Spring	d. Light jacket

- a) Summer–a, Winter–b, Rainy–c, Spring–d
- b) Summer–b, Winter–a, Rainy–d, Spring–c
- c) Summer–c, Winter–a, Rainy–b, Spring–d
- d) Summer–d, Winter–c, Rainy–a, Spring–b

39. Look at the image of different fabrics. Which one is made from plants?



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

40. Choose the correct statement:

- a) We wear cotton clothes in winter
- b) Wool keeps us cool
- c) Raincoats absorb water
- d) Clothes protect us from heat, cold, and rain

41. Which part of the plant prepares food using sunlight?

- a) Roots b) Flowers c) Leaves d) Stem

42. Match the animal with its type:

Animal	Type
Cow	a. Carnivore
Lion	b. Herbivore
Crow	c. Omnivore
Tiger	d. Carnivore

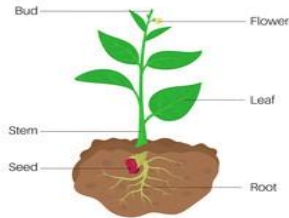
- a) Cow–b, Lion–a, Crow–c, Tiger–d
- b) Cow–a, Lion–c, Crow–b, Tiger–d
- c) Cow–c, Lion–b, Crow–d, Tiger–a
- d) Cow–b, Lion–d, Crow–a, Tiger–c

43. Riddle:

I sleep upside down, I hang by my toes,
I'm not a bird, but in dark I go!
Who am I?

- a) Owl b) Bat c) Eagle d) Squirrel

44. Look at the diagram of a flower. Which part turns into fruit?



- a) Flower b) Root c) Stem d) Leaf

45. Match the food to the nutrient it gives:

Food	Nutrient
Milk	a. Protein
Rice	b. Carbohydrate
Pulses	c. Calcium
Ghee	d. Fat

- a) Milk–c, Rice–b, Pulses–a, Ghee–d
b) Milk–b, Rice–a, Pulses–c, Ghee–d
c) Milk–d, Rice–c, Pulses–a, Ghee–b
d) Milk–a, Rice–d, Pulses–b, Ghee–c

46. Which of these habits is good for digestion?

- a) Eating too fast
b) Skipping meals
c) Eating slowly and chewing well
d) Lying down right after eating

47. Which of these is not a form of energy?

- a) Sound b) Light c) Sugar d) Heat

48. How many of these use electric energy?

1. Fan
2. Torch
3. Bicycle
4. Mobile

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

49. Choose the image that shows human effort as a source of energy:



- a) Solar panel b) Man pushing a cart
c) Running tap d) A switched-on fan

50. Match the source of energy with its type:

Source	Type
Sun	a. Electrical
Food	b. Chemical
Battery	c. Solar
Dam	d. Hydro

- a) Sun–c, Food–b, Battery–a, Dam–d
b) Sun–a, Food–d, Battery–c, Dam–b
c) Sun–d, Food–a, Battery–b, Dam–c
d) Sun–b, Food–c, Battery–d, Dam–a

Answer Key

1.b	2.c	3.c	4.a	5.d	6.b	7.b	8.c	9.a	10.b
11.a	12.b	13.a	14.d	15.c	16.a	17.b	18.a	19.b	20.c
21.c	22.b	23.c	24.b	25.a	26.c	27.c	28.b	29.b	30.c
31.d	32.c	33.a	34.c	35.b	36.b	37.d	38.a	39.d	40.d
41.c	42.a	43.b	44.a	45.a	46.c	47.c	48.b	49.b	50.a