



Minervaa International Scholarship Examinations

Sample Question Paper

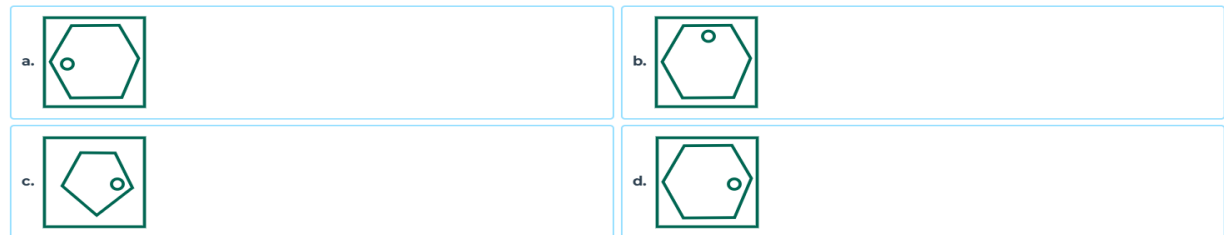
Class- VII

Subject- General Knowledge

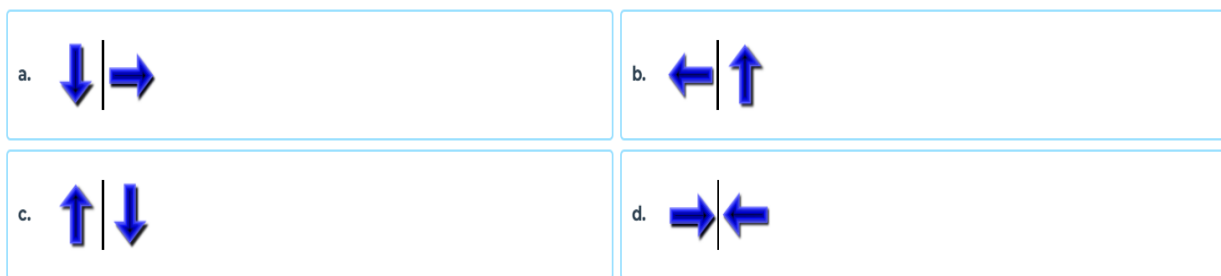


LOGICAL REASONING

1. If 15th August 2022 was Monday, what day of the week was 15th August 2023?
a) Tuesday b) Wednesday c) Thursday d) Sunday
2. Pointing to a man, Priya said, "He is the only son of my grandfather's only daughter." How is the man related to Priya?
a) Brother b) Cousin c) Father d) Uncle
3. Four problem figures are given below. There exists a relationship between the first two problem figures. A similar relationship should exist between the third and fourth problem figures. Identify the figure.



4. Which of the following pairs show a perfect reflection over the line?



5. 5B, 10D, 15F, 20H, ?
a) 25K b) 25J c) 25I d) 25L

GENERAL KNOWLEDGE

6. The atmosphere is made of several layers. Which of the following events happens in the stratosphere?
a) Weather changes like rain and storms b) Auroras occur
c) Commercial airplanes fly d) Satellites orbit the Earth

7. Match the following natural resources with their type:

- Coal –
- Sunlight –
- Wind –
- Petroleum –
 - a) Renewable – Non-renewable – Renewable – Non-renewable
 - b) Non-renewable – Renewable – Renewable – Non-renewable
 - c) Renewable – Renewable – Non-renewable – Non-renewable
 - d) Non-renewable – Non-renewable – Renewable – Renewable

8. Which of the following statements is *false* about the ozone layer?

- a) It protects us from UV rays
- b) It is found in the troposphere
- c) It is thinning due to CFCs
- d) It helps maintain Earth's temperature balance

9. Identify the correct sequence of the water cycle:

- a) Condensation → Evaporation → Precipitation → Collection
- b) Evaporation → Precipitation → Condensation → Collection
- c) Evaporation → Condensation → Precipitation → Collection
- d) Precipitation → Collection → Condensation → Evaporation

10. "I'm a layer of gases, I protect you from space rocks and UV rays. Without me, life wouldn't exist." Who am I?

- a) Lithosphere
- b) Biosphere
- c) Atmosphere
- d) Hydrosphere

11. Which of these combinations is *correct* regarding major environmental concerns and their causes?

- a) Global warming – Deforestation
- b) Acid rain – Oil spills
- c) Ozone depletion – Excess oxygen
- d) Water scarcity – Melting glaciers

12. True/False with reasoning: "Plastic waste in oceans has no impact on marine life because plastic is non-toxic."

- a) True – Plastic floats and does not mix with water
- b) False – Marine animals often ingest plastic, causing death
- c) True – Ocean currents carry plastic away from coasts
- d) False – Plastic is biodegradable in saltwater

13. Which of the following innovations uses principles of artificial intelligence?

- a) Smart traffic lights
- b) Electric fans
- c) Solar calculators
- d) Hand-operated water pumps

14. Which of the following statements is *incorrect* about satellites?

- a) Satellites are launched using rockets
- b) Satellites help in predicting the weather
- c) Satellites revolve around the moon
- d) Some satellites are used for communication

15. How Many of the Following are Used in Space Missions?

- _ Cryogenic engine
- Spectrometer
- Telescope
- Pendulum

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

16. True/False with Reasoning

"All metals are magnetic."

- a) True – Metals attract to magnets due to their shiny surfaces
- b) False – Only a few like iron, cobalt, and nickel are magnetic
- c) True – Magnets are made from all kinds of metals
- d) False – Metals cannot interact with magnets at all

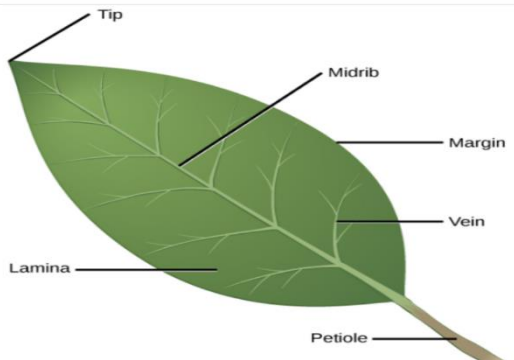
17. Ravi's smartwatch tracks his steps, heart rate, and alerts him when it's time to drink water. Which three technologies are likely built into the watch?

- a) GPS, Barometer, Thermometer
- b) Motion sensors, Heartbeat sensors, Notification system
- c) Camera, Microphone, Scanner
- d) Joystick, LED, Laser

18. Which of these adaptations helps a camel survive in the desert?

- a) Short limbs and moist skin
- b) Long eyelashes and hump storing fat
- c) Sticky pads and long tail
- d) Strong jaws and sharp claws

19.



What is the primary function of the tiny openings labelled 'stomata'?

- a) Absorb minerals
- b) Help reproduction
- c) Exchange gases
- d) Protect leaf from insects

20. Which of the following statements about fungi is *incorrect*?

- a) Fungi are plants that photosynthesize
- b) Fungi grow in damp and dark places
- c) Some fungi are edible
- d) Yeast is a type of fungi

21. A sudden decrease in bee population can directly affect:

- a) Water cycle
- b) Soil formation
- c) Pollination and crop yield
- d) Rainfall patterns

22. In a forest, if the population of deer increases and tigers decrease, what is a likely consequence?

- a) Forest grows faster
- b) Deer overgraze, affecting plant life
- c) More tigers will be born
- d) It will attract more birds

23. Which Indian state shares a boundary with the highest number of countries?

- a) Jammu & Kashmir
- b) Sikkim
- c) Arunachal Pradesh
- d) Bihar

24. Provide a diagram highlighting *BRICS countries*.

Which of the following countries is not a part of BRICS?

- a) Brazil
- b) South Africa
- c) Indonesia
- d) Russia

25. Match the country with what it is famous for:

- Japan
- Egypt
- Switzerland
- Australia

A. Pyramids

B. Alps Mountains

C. Cherry Blossoms

D. The Great Barrier Reef

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

26. Which of these global organizations is incorrectly matched with its headquarters?

a) United Nations – New York

b) WHO – Geneva

c) NASA – Paris

d) WTO – Geneva

27. How many of the following are correct pairs of Indian states and international borders?

– Punjab – Pakistan

– West Bengal – Bangladesh

– Nagaland – Nepal

– Mizoram – Myanmar

a) 1

b) 2

c) 3

d) 4

28. India is the only country that shares a border with both China and Sri Lanka.

a) True – Unique location

b) False – India shares maritime border with Sri Lanka, not land

c) True – It's surrounded on both sides

d) False – Nepal also borders both

29. If a student from Japan visits India during Diwali and a student from India visits Japan during Hanami, which two key cultural themes are they experiencing?

a) Religion and Politics

b) Light and Nature

c) Science and Technology

d) Sports and History

30. Which of the following is the earliest known epic poem in English literature?

a) The Canterbury Tales

b) Beowulf

c) Paradise Lost

d) The Divine Comedy

31. "The wind whispered through the trees." What figure of speech is used here?

a) Simile

b) Metaphor

c) Personification

d) Hyperbole

32. Which sentence uses a homophone correctly?

a) Their going to the market later.

b) The sea is calm today.

c) I can't weight for the show.

d) He read a red book.

33. All novels must have a happy ending.

a) True – because readers prefer happy endings

b) False – many novels have tragic or open endings to reflect real life

c) True – as per literary rules

d) False – novels always end with a cliffhanger

34. Which Indian author won the Nobel Prize in Literature for the work that blends Indian culture with Western literary styles?

- a) Rabindranath Tagore
- b) Amitav Ghosh
- c) Jhumpa Lahiri
- d) Vikram Seth

35. The marathon race is exactly 40 kilometers long.

- a) True
- b) False – It is 42.195 kilometers
- c) True – As per Olympic standards
- d) False – It depends on the event location

36. Which country is known as the birthplace of the sport of Golf?

- a) United States
- b) Scotland
- c) England
- d) Ireland

37. Which of the following Olympic sports was the first introduced into the Olympics:

- a) Wrestling
- b) Basketball
- c) Archery
- d) Swimming

38. Match the Following

Universe Object

Description

1. Nebula A. Remnant of exploded star

2. Black Hole B. Cloud of gas and dust

3. Supernova C. Region with strong gravity

4. Pulsar D. Rotating neutron star

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

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

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

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

39. Which of the following is NOT a type of galaxy?

- a) Spiral
- b) Elliptical
- c) Rectangular
- d) Irregular

40. Which planet is the 4th from the Sun?

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

41. Republic Day in India is celebrated on 26th January because that is the day the Constitution of India came into effect.

- a) True
- b) False – It celebrates independence from British rule
- c) False – It marks the birth of Mahatma Gandhi
- d) True – It honours the day constitution was adopted

42. I am celebrated worldwide to honour heroes who fought in wars and seek peace. My day is observed on the 11th hour of the 11th day of the 11th month. What am I?

- a) Veterans Day
- b) Remembrance Day
- c) Armistice Day
- d) All of the above

43. If Children's Day in India is celebrated on 14th November every year, how many days after Independence Day (15th August) is this celebration?

- a) 75 days
- b) 90 days
- c) 91 days
- d) 100 days

44. Match the Following

Skill

Example Scenario

- | | |
|----------------------------|--|
| 1. Effective Communication | A. Explaining your ideas clearly in a group discussion |
| 2. Time Management | B. Completing assignments before the deadline |
| 3. Critical Thinking | C. Analysing pros and cons before making a decision |
| 4. Empathy | D. Understanding a friend's feelings |
| a) 1-A, 2-B, 3-C, 4-D | b) 1-A,2-B,3-C,4-D |
| c) 1-C,2-D,3-A,4-B | d) 1-B,2-A,3-C,4-D |

45. I am a skill that helps you plan your day so you can finish tasks on time and reduce last-minute panic. What am I?

- | | |
|--------------------|--------------------|
| a) Time management | b) Multitasking |
| c) Delegation | d) Procrastination |

46. If you spend 2 hours daily studying, 1 hour on hobbies, and 1 hour on social activities, how many hours per week are dedicated to personal growth activities?

- | | | | |
|-------------|-------------|-------------|-------------|
| a) 14 hours | b) 28 hours | c) 21 hours | d) 35 hours |
|-------------|-------------|-------------|-------------|

47. Which country recently became the first to approve a malaria vaccine for widespread use?

- | | | | |
|----------|----------|------------------|-----------|
| a) India | b) Ghana | c) United States | d) Malawi |
|----------|----------|------------------|-----------|

48. If the United Nations declared 2023 as the International Year of Millets, and 30 countries participate with each planting 5000 millet crops, how many total millet crops will be planted?

- | | | | |
|--------------|------------|---------------|------------|
| a) 1,500,000 | b) 150,000 | c) 15,000,000 | d) 500,000 |
|--------------|------------|---------------|------------|

49. Which city hosts the famous Venice Film Festival?

- | | | | |
|---------|-----------|----------|-------------|
| a) Rome | b) Venice | c) Milan | d) Florence |
|---------|-----------|----------|-------------|

50. I am a huge group of stars, gas, and dust bound together by gravity. What am I?

- | | | | |
|-----------------|-----------|-----------|----------|
| a) Solar System | b) Nebula | c) Galaxy | d) Comet |
|-----------------|-----------|-----------|----------|

ANSWER KEY

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