

Minervaa International Scholarship Examinations

Sample Question Paper

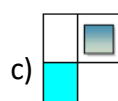
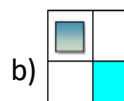
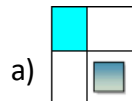
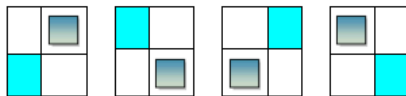
Class- VIII

Subject- General Knowledge



LOGICAL REASONING

1. Find the next figure.



2. Which of the following makes a number pattern?

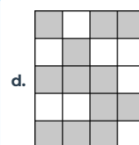
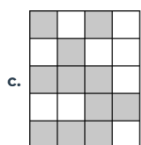
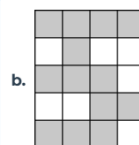
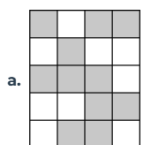
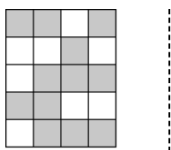
a) 5, 9, 13, 17, 21, 25, 29,

c) 5, 9, 13, 17, 20,

b) 4, 9, 14, 18,

d) 1, 7, 13, 20, 26, 32,

3. Find the mirror image of the following:



4. QAR, RAS, SAT, TAU, _____

a) UAV

b) UAT

c) TAS

d) TAT

5. Find the number of triangles in the given figure.



a) 12

b) 18

c) 36

d) 26

GENERAL KNOWLEDGE

6. Which of the following plants exhibits phototropism by bending towards light?

- a) Sunflower b) Venus Flytrap c) Cactus d) Aloe Vera

7. Match the following animals to their unique adaptations:

Animals Adaptations

Camel A. Ability to fly

Kingfisher B. Storing water

Bat C. Echolocation

Penguin D. Swimming

- a) Camel-B, Kingfisher-D, Bat-C, Penguin-A b) Camel-B, Kingfisher-A, Bat-C, Penguin-D
c) Camel-B, Kingfisher-D, Bat-A, Penguin-C d) Camel-A, Kingfisher-B, Bat-C, Penguin-D

8. How many of these plants are carnivorous?

- Pitcher Plant
- Rose
- Sundew
- Tulip

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

9. How many of the following books were written by Indian authors?

- The Guide
- Pride and Prejudice
- Gitanjali
- The White Tiger

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

10. Match the author to their famous work:

Author

Work

Agatha Christie A. *The Hobbit*

J.R.R. Tolkien B. *Murder on the Orient Express*

Jane Austen C. *Pride and Prejudice*

George Orwell D. *1984*

- a) Agatha Christie-B, Tolkien-A, Austen-C, Orwell-D
b) Agatha Christie-D, Tolkien-B, Austen-A, Orwell-C
c) Agatha Christie-C, Tolkien-D, Austen-B, Orwell-A
d) Agatha Christie-A, Tolkien-C, Austen-D, Orwell-B

11. Which of the following books is a famous autobiography?

- a) *Long Walk to Freedom* b) *Animal Farm*
c) *The Da Vinci Code* d) *The Great Gatsby*

12. How many of the following authors are Nobel Prize winners?

- Rabindranath Tagore
- Ernest Hemingway
- Mark Twain
- Albert Camus

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

13. Which of the following are breathing techniques used in Yoga?

- Pranayama
- Surya Namaskar
- Kapalbhathi
- Ujjayi

a) 2

b) 3

c) 4

d) 1

14. Quantum computing uses which quantum phenomenon to perform operations on data?

- a) Superconductivity b) Superposition c) Magnetism d) Photosynthesis

15. What is the primary function of a catalyst in a chemical reaction?

- a) To increase reactants b) To slow down the reaction
c) To lower activation energy d) To be consumed in the reaction

16. Which scientist is credited with the discovery of radioactivity?

- a) Marie Curie b) Isaac Newton c) Albert Einstein d) Galileo Galilei

17. Match the technology with its invention or use:

Technology

Use/Inventor

Internet

A. Tim Berners-Lee

GPS

B. Global Positioning System

Penicillin

C. Alexander Fleming

Artificial Intelligence

D. Machine Learning

- a) Internet-A, GPS-B, Penicillin-C, AI-D
b) Internet-B, GPS-A, Penicillin-D, AI-C
c) Internet-C, GPS-D, Penicillin-A, AI-B
d) Internet-D, GPS-C, Penicillin-B, AI-A

18. Which renewable energy source converts sunlight directly into electricity?

- a) Wind Power b) Hydroelectricity c) Solar Photovoltaic d) Biomass

19. What is the function of the control system in a robot?

- a) To give power
b) To perform physical tasks
c) To process commands and regulate actions
d) To store energy

20. If the word "TECHNOLOGY" is coded as "VGEJPQNQIA," what is the pattern of the code?

- a) Shift each letter +2 b) Shift each letter -2
c) Shift each letter +4 d) Shift each letter -4

21. Who won the Nobel Peace Prize in 2023?

- a) Malala Yousafzai b) Al Gore
c) Narges Mohammadi d) World Food Programme

22. Match the award with the field:

Award	Field
Pulitzer Prize	A. Journalism/Literature
Grammy Award	B. Music
Fields Medal	C. Mathematics
Oscar	D. Cinema

- a) Pulitzer-A, Grammy-B, Fields-C, Oscar-D
- b) Pulitzer-D, Grammy-C, Fields-B, Oscar-A
- c) Pulitzer-C, Grammy-A, Fields-D, Oscar-B
- d) Pulitzer-B, Grammy-D, Fields-A, Oscar-C

23. Which Indian received the Bharat Ratna for contributions in literature?

- a) Rabindranath Tagore
- b) C.V. Raman
- c) A.P.J. Abdul Kalam
- d) Mother Teresa

24. Identify the missing award from this list of top international awards:

- Nobel Prize
- Booker Prize
- Oscar
- a) Tony Award b) Grammy c) Fields Medal d) Emmy

25. Which Indian-origin scientist won the Breakthrough Prize in life sciences?

- a) Venkatraman Ramakrishnan
- b) K. S. Chandrasekhar
- c) Huda Zoghbi
- d) Subrahmanyam Chandrasekhar

26. Which household item is used as a natural disinfectant due to its acidic properties?

- a) Baking soda
- b) Vinegar
- c) Sugar
- d) Salt

27. What is the main reason why leaves change colour in autumn?

- a) They produce more chlorophyll
- b) Chlorophyll breaks down revealing other pigments
- c) They produce more oxygen
- d) They grow faster

28. Match the household item to its common use:

Item	Use
Baking soda	A. Cleaning
Lemon juice	B. Cooking
Salt	C. Preserving food
Sugar	D. Sweetening

- a) Baking soda-A, Lemon juice-B, Salt-C, Sugar-D
- b) Baking soda-B, Lemon juice-A, Salt-D, Sugar-C
- c) Baking soda-C, Lemon juice-D, Salt-A, Sugar-B
- d) Baking soda-D, Lemon juice-C, Salt-B, Sugar-A

29. If a glass of water is heated from 25°C to 100°C, what happens to the molecules?

- a) They slow down
- b) They move faster and spread apart
- c) They stay still
- d) They freeze

30. Match the author to their work:

Author	Work
Rabindranath Tagore	A. Gitanjali
J.K. Rowling	B. Harry Potter Series
R.K. Narayan	C. Swami and Friends
Agatha Christie	D. Murder on the Orient Express

- a) Tagore-A, Rowling-B, Narayan-C, Christie-D
- b) Tagore-B, Rowling-A, Narayan-D, Christie-C
- c) Tagore-C, Rowling-D, Narayan-B, Christie-A
- d) Tagore-D, Rowling-C, Narayan-A, Christie-B

31. Identify the literary device: "The wind whispered through the trees."

- a) Simile
- b) Metaphor
- c) Personification
- d) Hyperbole

32. Which language is the origin of many English words like 'museum,' 'audience,' and 'vision'?

- a) Greek
- b) Latin
- c) French
- d) German

33. Match the term to its definition:

Term	Definition
Simile	A. Comparing two things using 'like' or 'as'
Metaphor	B. Direct comparison without 'like' or 'as'
Alliteration	C. Repetition of initial consonant sounds
Hyperbole	D. Exaggeration for effect

- a) Simile-A, Metaphor-B, Alliteration-C, Hyperbole-D
- b) Simile-B, Metaphor-A, Alliteration-D, Hyperbole-C
- c) Simile-C, Metaphor-D, Alliteration-B, Hyperbole-A
- d) Simile-D, Metaphor-C, Alliteration-A, Hyperbole-B

34. What technology is commonly used to create realistic dinosaurs in movies like Jurassic Park?

- a) Stop-motion animation
- b) CGI (Computer Generated Imagery)
- c) Claymation
- d) Rotoscoping

35. If each letter in the movie title "BATMAN" is shifted two places ahead in the alphabet, what is the new word?

- a) DCVOCP
- b) DCVOCO
- c) DCTPCO
- d) DCVPCP

36. Match the famous movie genres to their best descriptions:

Genre	Description
Thriller	A. Focuses on excitement and suspense
Documentary	B. Presents factual information
Fantasy	C. Involves magical or supernatural elements
Comedy	D. Designed to make the audience laugh

- a) Thriller-A, Documentary-B, Fantasy-C, Comedy-D
- b) Thriller-B, Documentary-A, Fantasy-D, Comedy-C
- c) Thriller-C, Documentary-D, Fantasy-A, Comedy-B
- d) Thriller-D, Documentary-C, Fantasy-B, Comedy-A

37. Identify the famous movie from its tagline:

"In space, no one can hear you scream."

- a) Alien b) Star Wars c) Gravity d) Interstellar

38. Match the following animals to their unique biological features:

Animal	Feature
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Chameleon A. Can change skin colour

Electric eel B. Generates electric shocks

Starfish C. Can regenerate lost limbs

Platypus D. Lays eggs despite being a mammal

- a) Chameleon-A, Electric eel-B, Starfish-C, Platypus-D
b) Chameleon-B, Electric eel-A, Starfish-D, Platypus-C
c) Chameleon-C, Electric eel-D, Starfish-B, Platypus-A
d) Chameleon-D, Electric eel-C, Starfish-A, Platypus-B

39. Match the following programming languages to their primary uses:

Language	Use
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Python A. Web development & scripting

C B. System programming

JavaScript C. Client-side web development

SQL D. Database management

- a) Python-A, C-B, JavaScript-C, SQL-D
b) Python-B, C-A, JavaScript-D, SQL-C
c) Python-C, C-D, JavaScript-B, SQL-A
d) Python-D, C-C, JavaScript-A, SQL-B

40. What is the function of an operating system?

- | | |
|-------------------------------|--|
| a) To store data | b) To run applications and manage hardware |
| c) To connect to the internet | d) To print documents |

41. What does GUI stand for?

- | | |
|-----------------------------|------------------------------|
| a) Graphical User Interface | b) General User Integration |
| c) Graphical Utility Input | d) General Utility Interface |

42. Match the following freedom fighters with the movements they led:

Freedom Fighter	Movement
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Bhagat Singh A. Non-Cooperation Movement

Bal Gangadhar Tilak B. Civil Disobedience Movement

Mahatma Gandhi C. Revolutionary Movement

Subhas Chandra Bose D. Quit India Movement

- a) Bhagat Singh-C, Tilak-A, Gandhi-B, Bose-D
b) Bhagat Singh-B, Tilak-C, Gandhi-D, Bose-A
c) Bhagat Singh-D, Tilak-B, Gandhi-A, Bose-C
d) Bhagat Singh-A, Tilak-D, Gandhi-C, Bose-B

43. Which empire was ruled by Akbar the Great?

- a) Maurya Empire b) Gupta Empire c) Mughal Empire d) Chola Empire

44. What was the main objective of the “Swadeshi Movement”?
- a) Promote British goods

b) Boycott British goods

c) Establish new schools

d) Form a new government
45. Which treaty ended the First World War?
- a) Treaty of Versailles

b) Treaty of Paris

c) Treaty of Tordesillas

d) Treaty of Ghent
46. Who holds the record for the most goals scored in FIFA World Cup history?
- a) Pelé

b) Miroslav Klose

c) Ronaldo Nazário

d) Lionel Messi
47. Match the following trophies with their respective sports:
- Trophy**

Davis Cup

Stanley Cup

Wimbledon Trophy

ICC Cricket World Cup

Sport

A. Cricket

B. Ice Hockey

C. Tennis

D. Tennis
- a) Davis Cup-C, Stanley Cup-B, Wimbledon-D, ICC Cricket World Cup-A

b) Davis Cup-D, Stanley Cup-A, Wimbledon-B, ICC Cricket World Cup-C

c) Davis Cup-A, Stanley Cup-D, Wimbledon-C, ICC Cricket World Cup-B

d) Davis Cup-C, Stanley Cup-B, Wimbledon-A, ICC Cricket World Cup-D
48. In 2024, which country became the first to launch a nuclear-powered icebreaker ship to explore the Arctic region?
- A) Russia

B) USA

C) China

D) Canada
49. Match the following recent global leaders with their countries (as of 2024):
- Leader**

Gustavo Petro

Fumio Kishida

Olaf Scholz

Jacinda Ardern

Country

A. Colombia

B. Japan

C. Germany

D. New Zealand
- A) Petro-A, Kishida-B, Scholz-C, Ardern-D

B) Petro-B, Kishida-C, Scholz-D, Ardern-A

C) Petro-A, Kishida-C, Scholz-B, Ardern-D

D) Petro-D, Kishida-A, Scholz-B, Ardern-C
50. Which country has the highest number of official languages recognized in its Constitution?
- A. India

B. Switzerland

C. South Africa

D. Canada

ANSWER KEY

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