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Sample Paper



Class 6

Unicus General Knowledge Explorers (UGKE)

Time: 60 minutes

Pattern and Marking Scheme			
Section	Total Questions	Marks per Question	Total Marks
Classic Section	40	1	40
Scholar Section	10	2	20
Grand Total	50		60

Classic Section (Each Question is of 1 Mark)

1. Fill in the blank:
The _____ layer of the earth's atmosphere contains the ozone layer that blocks harmful UV rays.

a. troposphere
b. stratosphere
c. mesosphere
d. exosphere

2. Fill in the blank:
The famous fairy tales The Little Mermaid, The Ugly Duckling, and Thumbelina were written by _____.

a. Roald Dahl
b. Hans Christian Andersen
c. J.K. Rowling
d. Lewis Carroll

3. Look at the image of this scientific representation of the earth's true shape. Unlike a perfect sphere, the earth is slightly flattened at the poles and bulging at the equator due to rotation. What is the correct term for this shape?



a. sphere
b. hemisphere
c. ellipsoid
d. oblate spheroid

4. Which author wrote the popular children's book Double Act, about twin sisters Ruby and Garnet?

a. Enid Blyton
b. Judy Blume
c. Frances Hodgson Burnett
d. Jacqueline Wilson

5. Fill in the blank:
During the Renaissance, a famous scientist _____ dropped two objects from a tower to prove a point about gravity.

a. Isaac Newton
b. Albert Einstein
c. Leonardo da Vinci
d. Galileo Galilei

6. Which planet is actually the coldest in our solar system?

a. Neptune
b. Saturn
c. Mars
d. Uranus

7. Where was the highest recorded temperature on earth measured?

a. Gobi Desert, Mongolia
b. Sahara Desert, Africa
c. Lut Desert, Iran
d. Death Valley, USA

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8. In 1962, the world came close to a nuclear war over missiles in a small Caribbean country. Which country was this?

- a. Germany
 - b. Vietnam
 - c. Japan
 - d. Cuba
-

9. In which sport would you hear someone shout, Duck but they are not talking about an actual bird?

- a. Baseball
 - b. Soccer
 - c. Dodgeball
 - d. Volleyball
-

10. Who invented Velcro after being inspired by burdock burrs?

- a. Elias Howe
 - b. Percy Spencer
 - c. Richard Drew
 - d. George de Mestral
-

11. The tropic of cancer passes through which of the following continents?

- a. Europe
 - b. South America
 - c. Africa
 - d. Antarctica
-

12. Fill in the blank:

Due to earth's shape, the highest point from earth's center is not Mount Everest but _____, a peak in Ecuador.

- a. Chimborazo
 - b. K2
 - c. Kilimanjaro
 - d. Denali
-

13. Fill in the blank:

The traditional Spanish dance known for its dramatic arm movements, rhythmic foot stamping, and expressive storytelling is called _____.

- a. Ballet
 - b. Flamenco
 - c. Tango
 - d. Kathak
-

14. Look at the image of this ATM. It allows people to withdraw cash, check balances, and deposit money without visiting a bank teller. Who invented this machine?



- a. John Shepherd-Barron
 - b. Tim Berners-Lee
 - c. Douglas Engelbart
 - d. Charles Babbage
-

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15. Fill in the blank:

Lake Baikal is the deepest lake in the world, but it is located in _____.

- a. Russia
 - b. Canada
 - c. China
 - d. Norway
-

16. Read the following statements about barcodes:

1. A barcode is a machine-readable code made of black and white lines that stores product information.
2. Norman Joseph Woodland & Bernard Silver developed the first barcode.

Which of the following is correct?

- a. only statement 1 is correct
 - b. only statement 2 is correct
 - c. both statements are correct
 - d. both statements are incorrect
-

17. Fill in the blank:

The world's first hydrogen-powered train, Coradia iLint, was introduced in _____, aiming for a more eco-friendly transport system.

- a. Germany
 - b. Japan
 - c. France
 - d. Canada
-

18. Read the following statements about GPS:

1. GPS stands for Global Positioning System, which helps in finding locations anywhere on earth.
2. GPS works by using satellites that send signals to devices like phones and cars to show directions.

Which of the following is correct?

- a. only statement 1 is correct
 - b. only statement 2 is correct
 - c. both statements 1 and 2 are correct
 - d. neither statement 1 nor 2 is correct
-

19. Match the following firsts in the world with their corresponding achievements:

	First Achievement		Person/Country
1.	The first country to send a satellite	a.	Edmund Hillary
2.	The first man to walk on the moon	b.	Neil Armstrong
3.	The first woman in space	c.	USA
4.	The first person to climb Mount Everest	d.	Valentina Tereshkova

- a. 1-b, 2-c, 3-a, 4-d
 - b. 1-c, 2-b, 3-a, 4-d
 - c. 1-c, 2-b, 3-d, 4-a
 - d. 1-a, 2-b, 3-d, 4-c
-

20. Which is the largest stadium in the world by seating capacity?

- a. Rungrado 1st of May Stadium, North Korea
 - b. Melbourne Cricket Ground, Australia
 - c. Narendra Modi Stadium, India
 - d. Wembley Stadium, United Kingdom
-

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21. Consider the following statements regarding technology-related abbreviations:

1. QR stands for Quick Response and is commonly used for scannable codes that store information.
 2. LED stands for Light Emitting Diode, which is a technology used for lighting and screens.
- Which of the following is correct?

- | | |
|--------------------------------|---------------------------------|
| a. only statement 1 is correct | b. only statement 2 is correct |
| c. both statements are correct | d. neither statement is correct |
-

22. Look at the image of this famous space agency's logo. It has played a major role in space exploration, including the Moon landing and Mars missions. What does NASA stand for?



- | | |
|--------------------------------|--------------------------------------------------|
| a. North American Space Agency | b. National Aeronautics and Space Administration |
| c. New Age Space Association | d. National Air and Space Academy |
-

23. Which unique ecosystem, spanning Bangladesh and India, is the world's largest mangrove forest?

- | | |
|----------------------|-----------------------|
| a. Amazon Rainforest | b. The Sundarbans |
| c. Congo Basin | d. Great Barrier Reef |
-

24. Read the following statements about A Christmas Carol book:

1. This book, written by Charles Dickens, features the character Ebenezer Scrooge.
2. It is a horror novel about a haunted house.

Which of the following is correct?

- | | |
|----------------------------------------|-----------------------------------------|
| a. only statement 1 is correct | b. only statement 2 is correct |
| c. both statements 1 and 2 are correct | d. neither statement 1 nor 2 is correct |
-

25. Read the following statements about the Madara Rider site:

1. It is a unique rock relief dating back to the early medieval period, carved into a cliff face.
2. It is located in Greece and is associated with ancient Greek mythology.

Which of the following is correct?

- | | |
|--------------------------------|-----------------------------------------|
| a. only statement 2 is correct | b. both statements 1 and 2 are correct |
| c. only statement 1 is correct | d. neither statement 1 nor 2 is correct |
-

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26. Look at the image of this ancient, world-famous structure stretching across thousands of miles in Asia, built to protect against invasions. What is the name of this UNESCO World Heritage Site?



- a. Hadrian's Wall
 - b. Berlin Wall
 - c. Kremlin Wall
 - d. Great Wall of China
-

27. Match the following famous world wonders with their respective locations:

	World Wonder		Location
1.	Taj Mahal	a.	Mexico
2.	Chichen Itza	b.	India
3.	Niagara Falls	c.	Canada
4.	Amazon Rainforest	d.	South America

- a. 1-b, 2-a, 3-c, 4-d
 - b. 1-b, 2-a, 3-d, 4-c
 - c. 1-d, 2-c, 3-b, 4-a
 - d. 1-a, 2-b, 3-d, 4-c
-

28. Look at the image of this world-famous statue. It stands atop Mount Corcovado in Brazil, overlooking the city of Rio de Janeiro with outstretched arms. What is the name of this statue?



- a. Statue of Liberty
 - b. Thinker
 - c. Christ the Redeemer
 - d. Colossus of Rhodes
-

29. Which event led to the official start of World War II in 1939?

- a. Attack on Pearl Harbor
 - b. Germany's invasion of Poland
 - c. Signing of the Treaty of Versailles
 - d. Bombing of Hiroshima and Nagasaki
-

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30. Look at the image of this classic children's book cover. Winnie-the-Pooh is a famous storybook about a honey-loving bear and his adventures in the Hundred Acre Wood. Who is the author of Winnie-the-Pooh's book?



- | | |
|---------------|-------------------|
| a. Roald Dahl | b. Beatrix Potter |
| c. A.A. Milne | d. Eric Carle |
-

31. Read the following statements about the traditional Japanese art of Origami:
1. Origami is the art of folding paper into intricate shapes without using glue or scissors.
 2. It originated in China and later spread to Japan during the 20th century.
- Which of the following is correct?

- | | |
|-----------------------------------------|----------------------------------------|
| a. only statement 2 is correct | b. both statements 1 and 2 are correct |
| c. neither statement 1 nor 2 is correct | d. only statement 1 is correct |
-

32. Which country is known for the traditional Sky Burial practice, where the deceased are placed on mountaintops to be consumed by vultures as part of a sacred ritual?

- | | |
|-------------|-----------|
| a. Mongolia | b. Tibet |
| c. Nepal | d. Bhutan |
-

33. Look at the image of this revolutionary leader. He became the first democratically elected President of South Africa, ending decades of apartheid. Who is he?



- | | |
|------------------|-------------------|
| a. Desmond Tutu | b. Nelson Mandela |
| c. Kwame Nkrumah | d. Julius Nyerere |
-

34. Sophie is learning about cricket. She hears about the ashes trophy. What is unique about it?

- | | |
|----------------------------|----------------------------------------------|
| a. Made of wood | b. Test series between Australia and England |
| c. It's shaped like a ball | d. Awarded only once |
-

35. Which country was the first to witness protests that sparked the Arab Spring in 2010?

- | | |
|------------|----------|
| a. Egypt | b. Syria |
| c. Tunisia | d. Libya |
-

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36. Fill in the blank:

The electric light bulb was invented by _____ in 1879, making it possible to illuminate homes and streets.

- | | |
|--------------------------|----------------------|
| a. Thomas Edison | b. Nikola Tesla |
| c. Alexander Graham Bell | d. Benjamin Franklin |
-

37. Fill in the blank:

_____ invented the bullet train after studying how kingfishers dive into water with minimal splash.

- | | |
|-------------------------|----------------------|
| a. Hideo Shima | b. Soichiro Honda |
| c. Shinkansen Engineers | d. Ferdinand Porsche |
-

38. What is the term for scoring three goals in a single football match?

- | | |
|--------------|------------------|
| a. Hat Trick | b. Triple Strike |
| c. Goal Trio | d. Mega Goal |
-

39. Fill in the blank:

In schools, GPA stands for _____, which is used to measure a student's academic performance.

- | | |
|-----------------------------------|--------------------------------|
| a. General Performance Assessment | b. Grade Performance Average |
| c. Grade Point Average | d. Global Performance Analysis |
-

40. Fill in the blank:

The Tour de France is a famous race for _____ type of vehicle.

- | | |
|----------------|-------------|
| a. cars | b. bicycles |
| c. motorcycles | d. scooters |
-

Scholar Section (Each Question is of 2 Marks)

41. Consider the following statements regarding the Ring of Fire:

1. It is a large area around the Pacific Ocean where many earthquakes and volcanoes happen.
2. Countries like Japan, Indonesia, the USA, and Chile are part of this area.

Which of the following is correct?

- | | |
|----------------------------------------|-----------------------------------------|
| a. only statement 1 is correct | b. only statement 2 is correct |
| c. both statements 1 and 2 are correct | d. neither statement 1 nor 2 is correct |
-

42. Fill in the blank:

The Kasbah of Algiers, a UNESCO World Heritage site, is an ancient fortress city known for its maze-like streets and _____ architectural style.

- | | |
|------------|-----------|
| a. Ottoman | b. Mughal |
| c. Roman | d. Gothic |
-

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43. Fill in the blank:

The Nile River is known as the longest river in the world, but _____ river has the highest volume of water.

- a. Mississippi
 - b. Yangtze
 - c. Amazon
 - d. Mekong
-

44. Match the following famous archaeological discoveries with their respective countries:

	Discovery		Country
1.	Terracotta Army	a.	Egypt
2.	Machu Picchu	b.	China
3.	Moai Statues	c.	Peru
4.	Valley of the Kings	d.	Chile (Easter Island)

- a. 1-b, 2-c, 3-d, 4-a
 - b. 1-b, 2-c, 3-a, 4-d
 - c. 1-c, 2-b, 3-a, 4-d
 - d. 1-a, 2-d, 3-b, 4-c
-

45. Consider the following statements about women's suffrage:

1. The first country to grant women the right to vote was New Zealand in 1893.
2. The United States allowed women to vote before 1900.

Which of the following is correct?

- a. neither statement 1 nor 2 is correct
 - b. both statements 1 and 2 are correct
 - c. only statement 2 is correct
 - d. only statement 1 is correct
-

46. Which instrument is most commonly used to measure BPM in music?

- a. Metronome
 - b. Guitar
 - c. Violin
 - d. Drumsticks
-

47. Sophie is sailing back in time and meets an explorer who confidently claims he discovered America. She asks, 'Are you sure?' Who is she talking to?

- a. Ferdinand Magellan
 - b. Christopher Columbus
 - c. James Cook
 - d. Marco Polo
-

48. Match the sports with their famous players:

	Sports		Players
1.	Golf	a.	Tiger Woods
2.	Basketball	b.	LeBron James
3.	Tennis	c.	Lewis Hamilton
4.	Formula	d.	Roger Federer

- a. 1-a, 2-b, 3-d, 4-c
 - b. 1-d, 2-a, 3-b, 4-c
 - c. 1-c, 2-d, 3-b, 4-a
 - d. 1-a, 2-b, 3-c, 4-d
-

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49. Match the following books with their respective authors:

	Book		Author
1.	The Cherry Tree	a.	Eric Carle
2.	The Very Hungry Caterpillar	b.	Ruskin Bond
3.	Matilda	c.	Roald Dahl
4.	Little Women	d.	Louisa May Alcott

- a. 1-d, 2-c, 3-a, 4-b
c. 1-b, 2-a, 3-c, 4-d

- b. 1-b, 2-a, 3-d, 4-c
d. 1-a, 2-d, 3-b, 4-c

50. Consider the following statements regarding technological innovations:

1. Jaap Haartsen developed Bluetooth technology for short-range wireless communication.
2. Tim Berners-Lee invented the World Wide Web, which revolutionized digital communication.

Which of the following is correct?

- a. only statement 1 is correct
c. both statements are correct

- b. only statement 2 is correct
d. neither statement is correct

Answer Key

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