

Q1. A device that converts sunlight directly into electricity is a:

- (A) Battery
- ✓ (B) **Solar cell**
- (C) Generator
- (D) Transformer

Q2. Compound interest on Rs. 10,000 at 10% per year for 2 years is:

- (A) Rs. 2,000
- ✓ (B) **Rs. 2,100**
- (C) Rs. 2,200
- (D) Rs. 2,500

Q3. Choose the synonym of 'Ostentatious':

- (A) Modest
- ✓ (B) **Showy**
- (C) Quiet
- (D) Careful

Q4. The Constitution of 1962 provided Pakistan with which form of government?

- (A) Parliamentary
- ✓ (B) **Presidential**
- (C) Confederal
- (D) Unicameral parliamentary

Q5. Which colour reflects the most sunlight?

- (A) Black
- ✓ (B) **White**
- (C) Blue
- (D) Green

Q6. The 'Land of Pure' refers to:

- (A) Iran
- ✓ (B) **Pakistan**
- (C) Saudi Arabia
- (D) Turkey

Q7. The headquarters of the United Nations is located in:

- (A) Geneva
- (B) Paris
- ✓ (C) **New York**
- (D) Vienna

Q8. The capital of Turkey is Ankara; its currency is the:

- (A) Dinar
- (B) Riyal
- ✓ (C) **Lira**
- (D) Dirham

Q9. The unit of electric current is the:

- (A) Volt
- (B) Watt
- ✓ (C) **Ampere**
- (D) Ohm

Pakistan Air Force (PAF) - Aero Trade Written Test 2023

Model Paper (based on frequently asked questions) • 50 MCQs • Time: 60 minutes

The correct option for every question is bolded and marked with a check.

Q10. Quaid-e-Azam died in:

- (A) 1947
- ✓ **(B) 1948**
- (C) 1949
- (D) 1951

Q11. Pakistan shares its longest border with:

- (A) India
- ✓ **(B) Afghanistan**
- (C) Iran
- (D) China

Q12. The gas used in soft (fizzy) drinks is:

- (A) Oxygen
- (B) Nitrogen
- ✓ **(C) Carbon dioxide**
- (D) Hydrogen

Q13. The currency of Japan is the:

- (A) Won
- (B) Yuan
- ✓ **(C) Yen**
- (D) Ringgit

Q14. What is the capital of Ireland?

- (A) Cork
- ✓ **(B) Dublin**
- (C) Galway
- (D) Limerick

Q15. The shortcut key to paste is:

- (A) Ctrl + C
- (B) Ctrl + X
- ✓ **(C) Ctrl + V**
- (D) Ctrl + Z

Q16. 'Phishing' is:

- (A) A hardware fault
- ✓ **(B) Tricking users into revealing sensitive information**
- (C) A type of firewall
- (D) Data compression

Q17. The First Round Table Conference was held in London in:

- (A) 1928
- ✓ **(B) 1930**
- (C) 1932
- (D) 1935

Q18. Makkah was conquered in:

- (A) 6 AH
- (B) 7 AH
- ✓ **(C) 8 AH**
- (D) 10 AH

Q19. An even number is always divisible by:

- ✓ (A) 2
- (B) 3
- (C) 5
- (D) 7

Q20. The Bogra Formula of 1953 was a proposal concerning:

- (A) Land reforms
- ✓ (B) Representation between East and West Pakistan
- (C) Nationalization of banks
- (D) Provincial languages

Q21. The fastest land animal is the:

- (A) Lion
- (B) Horse
- ✓ (C) Cheetah
- (D) Leopard

Q22. Which planet is known as the Red Planet?

- (A) Jupiter
- (B) Venus
- ✓ (C) Mars
- (D) Saturn

Q23. The Senate of Pakistan has how many members?

- ✓ (A) 96
- (B) 100
- (C) 104
- (D) 110

Q24. $(0.2)^2 \div 0.04 \times 5 = ?$

- (A) 0.2
- (B) 1
- ✓ (C) 5
- (D) 25

Q25. Choose the synonym of 'Diligent':

- (A) Lazy
- ✓ (B) Hardworking
- (C) Careless
- (D) Slow

Q26. Which 1991 conflict saw a US-led coalition respond to Iraq's invasion of Kuwait?

- ✓ (A) Gulf War
- (B) Iraq War (2003)
- (C) Vietnam War
- (D) Korean War

Q27. Which prayer is offered on Friday in congregation?

- (A) Eid
- ✓ (B) Jumu'ah
- (C) Tahajjud
- (D) Witr

Q28. The Quran was first compiled into one book in the era of:

- (A) The Prophet (PBUH)
- ✓ (B) **Hazrat Abu Bakr (RA)**
- (C) Hazrat Umar (RA)
- (D) Hazrat Ali (RA)

Q29. The median of 3, 7, 9, 15 and 21 is:

- (A) 7
- ✓ (B) **9**
- (C) 11
- (D) 15

Q30. Which is the smallest prime number?

- (A) 0
- (B) 1
- ✓ (C) **2**
- (D) 3

Q31. What is the capital of Russia?

- (A) Saint Petersburg
- ✓ (B) **Moscow**
- (C) Novosibirsk
- (D) Kazan

Q32. Which international body governs global football (soccer) and organizes the FIFA World Cup?

- ✓ (A) **FIFA**
- (B) IOC
- (C) ICC
- (D) World Athletics

Q33. Which US President served during the Cuban Missile Crisis in 1962?

- ✓ (A) **John F. Kennedy**
- (B) Dwight Eisenhower
- (C) Lyndon Johnson
- (D) Richard Nixon

Q34. Who became Chancellor of Germany in 2025, following a change in government leadership?

- ✓ (A) **Friedrich Merz**
- (B) Olaf Scholz
- (C) Angela Merkel
- (D) Gerhard Schroder

Q35. Which planet is closest to the Sun?

- (A) Venus
- ✓ (B) **Mercury**
- (C) Mars
- (D) Earth

Q36. Which Chinese space agency oversees the country's expanding space program, including lunar missions?

- ✓ **(A) China National Space Administration (CNSA)**
- (B) ESA
- (C) NASA
- (D) Roscosmos

Q37. The Roman numeral 'X' represents:

- (A) 5
- ✓ **(B) 10**
- (C) 50
- (D) 100

Q38. They _____ playing cricket now.

- (A) is
- (B) am
- ✓ **(C) are**
- (D) was

Q39. Which informal group of major advanced economies, including the US, UK, Germany, France, Italy, Japan and Canada, meets annually?

- ✓ **(A) G7**
- (B) G20
- (C) BRICS
- (D) OPEC

Q40. Malala Yousafzai won the Nobel Peace Prize in:

- (A) 2012
- (B) 2013
- ✓ **(C) 2014**
- (D) 2015

Q41. Which Italian physicist contributed significantly to the development of the first nuclear reactor?

- ✓ **(A) Enrico Fermi**
- (B) J. Robert Oppenheimer
- (C) Albert Einstein
- (D) Niels Bohr

Q42. Which historic 2019 astronomical achievement produced the first-ever image of a black hole?

- ✓ **(A) The Event Horizon Telescope collaboration's black hole image**
- (B) The Hubble Deep Field image (a different achievement)
- (C) The James Webb Space Telescope's first images (a later achievement)
- (D) The Voyager 1 interstellar image (a different achievement)

Q43. SAARC headquarters is located in:

- (A) New Delhi
- (B) Islamabad
- ✓ **(C) Kathmandu**
- (D) Dhaka

Q44. Which tennis Grand Slam tournament is held annually in New York?

- ✓ (A) **US Open**
- (B) Wimbledon
- (C) French Open
- (D) Australian Open

Q45. Tariq bin Ziyad is famous for the conquest of:

- (A) Sindh
- (B) Egypt
- ✓ (C) **Spain (Andalus)**
- (D) Persia

Q46. Which particle, confirmed by CERN experiments in 2012, helps explain how other particles acquire mass?

- ✓ (A) **Higgs boson**
- (B) Neutrino
- (C) Photon
- (D) Electron

Q47. Choose the synonym of 'Reply':

- (A) Question
- ✓ (B) **Answer**
- (C) Request
- (D) Ask

Q48. The value of x in the equation $4x + 8 = 20$ is:

- (A) 2
- ✓ (B) **3**
- (C) 4
- (D) 5

Q49. Which country's legislature is called the 'Knesset'?

- ✓ (A) **Israel**
- (B) Jordan
- (C) Lebanon
- (D) Egypt

Q50. What is the official currency of Russia?

- ✓ (A) **Ruble**
- (B) Hryvnia
- (C) Lira
- (D) Dinar