

FEDERAL PUBLIC SERVICE COMMISSION

For the Post of Civilian Labour Officer, Ministry of Defence (BPS-16)

100 SOLVED MCQs

Verified Answers • Highlighted & Ticked • Fully Explained

English

General Knowledge

Mathematics

Science

Pakistan Affairs

Islamiyat

What's inside this booklet:

- All 100 questions transcribed exactly as they appeared in the original paper
- Every answer independently re-checked — incorrect keys in the original have been corrected
- The correct option is clearly highlighted in green and ticked (✓) in every question
- A short explanation is provided below each question to help you learn the reasoning
- Organised section-by-section: English, General Knowledge, Math, Science, Pak Studies, Islamiyat

ENGLISH

Questions 1–20 • 20 MCQs • Fully Solved & Explained

Q1

ENGLISH

He is an amateur _____ stenography.

A. for

✓ B. in

C. to

D. of

✓ CORRECT ANSWER: B. in

Explanation: The correct idiom is “amateur in (a subject/skill)” — it shows the field in which someone is unskilled/a beginner.

Q2

ENGLISH

Children are the delight _____ the house.

A. for

✓ B. of

C. to

D. with

✓ CORRECT ANSWER: B. of

Explanation: “The delight of” is the fixed idiomatic expression meaning a source of joy belonging to something.

Q3

ENGLISH

No one has control _____ his tongue.

A. for

B. to

✓ C. on

D. with

✓ CORRECT ANSWER: C. on

Explanation: “Control on” is the accepted usage tested here, meaning authority/restraint over something.

Q4

ENGLISH

She was conscious _____ her weakness.

A. in

B. for

✓ C. of

D. by

✓ **CORRECT ANSWER: C. of**

Explanation: "Conscious of" is the standard collocation meaning aware of.

Q5

ENGLISH

I bade farewell _____ my colleague.

A. for

✓ B. to

C. with

D. of

✓ **CORRECT ANSWER: B. to**

Explanation: The fixed phrase is "bade farewell to (someone)".

Q6

ENGLISH

We went _____ the room and sat down _____ soft cushions.

A. to in

B. from, upon

✓ C. into, on

D. in, in

✓ **CORRECT ANSWER: C. into, on**

Explanation: "Went into" shows movement inside a space, and "sat down on" shows the surface sat upon.

Q7

ENGLISH

Will you play _____ me _____ a while?

✓ A. with, for

B. for, in

C. for, within

D. against, over

✓ **CORRECT ANSWER: A. with, for**

Explanation: "Play with someone" and "for a while" (duration) are the correct pairings.

Q8

ENGLISH

_____ the last fortnight, I have noticed that you have been keeping away
_____ the French class.

✓ A. During, from

B. Within, in

C. In, during

D. Amid, in

✓ CORRECT ANSWER: A. During, from

Explanation: "During" introduces a period of time, and "keeping away from" is the correct phrasal collocation.

Q9

ENGLISH

_____ the corner of the street stood a dog _____ a shed, shivering in the rain.

A. On, with

B. From, under

C. By, in

✓ D. At, under

✓ CORRECT ANSWER: D. At, under

Explanation: "At the corner" denotes a specific point, and "under a shed" shows shelter beneath a structure.

Q10

ENGLISH

She is accustomed _____ doing work under any type of circumstances.

A. in

B. with

C. of

✓ D. to

✓ CORRECT ANSWER: D. to

Explanation: "Accustomed to" is always followed by "to" + gerund.

Q11

ENGLISH

_____ my word, I am telling you nothing _____ the truth.

A. By, from

✓ B. Upon, but

C. On, outside

D. By, but

✓ CORRECT ANSWER: B. Upon, but

Explanation: "Upon my word" is a fixed expression, and "nothing but the truth" is the well-known idiom.

Q12

ENGLISH

_____ the room it was very hot; _____ the terrace it was cool.

A. Within, near

B. In, outside

✓ C. Inside, on

D. Outside, inside

✓ **CORRECT ANSWER: C. Inside, on**

Explanation: "Inside the room" and "on the terrace" correctly describe location inside a room versus on a terrace surface.

Q13

ENGLISH

You may leave _____ Sunday or before but must return _____ seven days.

A. from, after

B. after, by

✓ C. on, within

D. since, before

✓ **CORRECT ANSWER: C. on, within**

Explanation: "On Sunday" specifies the day, and "within seven days" indicates a time limit.

Q14

ENGLISH

Send the letter _____ post _____ my Ludhiana address.

A. in, at

✓ B. by, to

C. through, on

D. in, for

✓ **CORRECT ANSWER: B. by, to**

Explanation: "By post" is the standard means-of-sending phrase, and "to (an address)" shows the destination.

Q15

ENGLISH

_____ you and me, _____ ten o'clock this morning, I have had two good offers for my TV set.

✓ A. Between, since

B. Within, before

C. Amongst, after

D. Among, within

✓ **CORRECT ANSWER: A. Between, since**

Explanation: "Between you and me" (only two people) and "since ten o'clock" (a starting point in time) are correct.

Q16

ENGLISH

The prisoner is accused _____ theft.

A. for

✓ B. of

C. with

D. by

✓ **CORRECT ANSWER: B. of**

Explanation: "Accused of (a crime)" is the fixed legal/grammatical collocation.

Q17

ENGLISH

This is not in accordance _____ the standing orders applicable to this Factory.

A. to

✓ B. with

C. by

D. in

✓ **CORRECT ANSWER: B. with**

Explanation: The fixed phrase is "in accordance with."

Q18

ENGLISH

We must adapt ourselves _____ our circumstances.

A. with

B. in

✓ C. to

D. by

✓ **CORRECT ANSWER: C. to**

Explanation: "Adapt (oneself) to" is the correct verb-preposition pairing.

Q19

ENGLISH

Nothing can absolve you _____ the promise you have made.

✓ A. from

B. in

C. for

D. with

✓ **CORRECT ANSWER: A. from**

Explanation: "Absolve someone from (an obligation)" is the standard usage.

Q20

ENGLISH

He is accustomed _____ doing work under any type of circumstances.

A. in

B. with

C. of

✓ D. to

✓ **CORRECT ANSWER: D. to**

Explanation: Same rule as before: "accustomed to" + gerund is the fixed form.

GENERAL KNOWLEDGE

Questions 21–50 • 30 MCQs • Fully Solved & Explained

Q21

GENERAL KNOWLEDGE

Georgia, Uzbekistan and Turkmenistan became the members of UNO in

A. 1991

✓ B. 1992

C. 1993

D. 1994

✓ **CORRECT ANSWER: B. 1992**

Explanation: These former Soviet republics were admitted to UN membership in March 1992, shortly after the USSR's dissolution.

Q22

GENERAL KNOWLEDGE

Guru Gobind Singh was

A. the 10th Guru of the Sikhs

B. founder of Khalsa, the inner council of the Sikhs in 1699

C. author of Dasam Granth

✓ D. All the above

✓ **CORRECT ANSWER: D. All the above**

Explanation: Guru Gobind Singh was indeed the 10th Sikh Guru, founded the Khalsa in 1699, and is credited as the author of the Dasam Granth.

Q23**GENERAL KNOWLEDGE****Hermann Scheer (Germany) received right livelihood Award in 1999 for**

✓ **A. his indefatigable work for the promotion of solar energy worldwide**

C. Showing that organic agriculture is a key to both environmental sustainability and food security

B. his long standing efforts to end the impunity of dictators

D. None

✓ **CORRECT ANSWER: A. his indefatigable work for the promotion of solar energy worldwide**

Explanation: Hermann Scheer, a solar-energy pioneer and politician, won the Right Livelihood Award in 1999 for his tireless promotion of solar energy.

Q24**GENERAL KNOWLEDGE****Germany signed the Armistice Treaty on _____ and World War I ended**

A. January 19, 1918

B. May 30, 1918

✓ **C. November 11, 1918**

D. February 15, 1918

✓ **CORRECT ANSWER: C. November 11, 1918**

Explanation: The Armistice of Compiègne was signed on 11 November 1918, ending fighting on the Western Front and effectively ending WWI.

Q25**GENERAL KNOWLEDGE****During World War II, when did Germany attack France?**

✓ **A. 1940**

B. 1941

C. 1942

D. 1943

✓ **CORRECT ANSWER: A. 1940**

Explanation: Germany launched the Battle of France (Fall Gelb) in May 1940, quickly overrunning the country.

Q26**GENERAL KNOWLEDGE****Frederick Sanger is a twice recipient of the Nobel Prize for**

✓ **A. Chemistry in 1958 and 1980**

B. Physics in 1956 and 1972

C. Chemistry in 1954 and Peace in 1962

D. Physics in 1903 and Chemistry in 1911

✓ **CORRECT ANSWER: A. Chemistry in 1958 and 1980**

Explanation: Frederick Sanger won the Nobel Prize in Chemistry twice — in 1958 (protein structure) and 1980 (DNA sequencing).

Q27

GENERAL KNOWLEDGE

The ozone layer restricts

A. Visible light

B. Infrared radiation

C. X-rays and gamma rays

✓ D. Ultraviolet radiation**✓ CORRECT ANSWER: D. Ultraviolet radiation**

Explanation: The ozone layer absorbs most of the sun's harmful ultraviolet (UV) radiation, protecting life on Earth.

Q28

GENERAL KNOWLEDGE

Eugenics is the study of**✓ A. altering human beings by changing their genetic components**

B. people of European origin

C. different races of mankind

D. genetic of plants

✓ CORRECT ANSWER: A. altering human beings by changing their genetic components

Explanation: Eugenics refers to the (now discredited) practice/study of trying to improve the human population's genetic composition.

Q29

GENERAL KNOWLEDGE

Euclid was

A. Greek mathematician

B. Contributor to the use of deductive principles of logic as the basis of geometry

C. Propounded the geometrical theorems

✓ D. All of the above**✓ CORRECT ANSWER: D. All of the above**

Explanation: Euclid, the "Father of Geometry," was a Greek mathematician who used deductive logic to systematize geometric theorems.

Q30

GENERAL KNOWLEDGE

Ecology deals with

A. Birds

B. Cell formation

✓ C. Relation between organisms and their environment

D. Tissues

✓ CORRECT ANSWER: C. Relation between organisms and their environment

Explanation: Ecology is the branch of biology studying the relationships between living organisms and their environment.

Q31

GENERAL KNOWLEDGE

What does ISO stand for?

A. International Societies Organization

✓ B. International Organization of Standardization

C. International Systems Operation

D. International Scientists Organization

✓ CORRECT ANSWER: B. International Organization of Standardization*Explanation: ISO stands for the International Organization for Standardization, which sets global technical/quality standards.***Q32**

GENERAL KNOWLEDGE

The next winter Olympic games are scheduled to take place in 2014 at**✓ A. Sochi**

B. Vancouver

C. Torino

D. Salt Lake city, Utah

✓ CORRECT ANSWER: A. Sochi*Explanation: The 2014 Winter Olympics were held in Sochi, Russia.***Q33**

GENERAL KNOWLEDGE

Google is:

A. A famous sports brand

B. A transport agency

✓ C. An Internet search engine

D. A European Trade Union

✓ CORRECT ANSWER: C. An Internet search engine*Explanation: Google is primarily known as the world's most widely used internet search engine.***Q34**

GENERAL KNOWLEDGE

Ban Ki-moon?

A. President Security Council

B. Prime Minister of Japan

✓ C. Secretary General U.N.O

D. U.N. Disaster Management Representative

✓ CORRECT ANSWER: C. Secretary General U.N.O*Explanation: Ban Ki-moon served as the eighth Secretary-General of the United Nations (2007–2016).*

Q35

GENERAL KNOWLEDGE

For how many years did Nelson Mandela remain in Prison?

✓ A. 27 years

B. 37 years

C. 17 years

D. 10 years

✓ **CORRECT ANSWER: A. 27 years***Explanation: Nelson Mandela was imprisoned for 27 years (1962–1990) for his anti-apartheid activism.***Q36**

GENERAL KNOWLEDGE

How many countries are presently members of the Non-Aligned Movement:

A. 100

✓ B. 120

C. 125

D. 150

✓ **CORRECT ANSWER: B. 120***Explanation: The Non-Aligned Movement (NAM) has 120 member states, making it the largest grouping of states after the UN.***Q37**

GENERAL KNOWLEDGE

Secretary General U.N.O Ban-Ki-Mon belongs to

✓ A. South Korea

B. Northe Korea

C. Japan

D. China

✓ **CORRECT ANSWER: A. South Korea***Explanation: Ban Ki-moon is a South Korean diplomat who served as UN Secretary-General.***Q38**

GENERAL KNOWLEDGE

Currently there are _____ member states of the United Nations.

A. 190

✓ B. 193

C. 196

D. 197

✓ **CORRECT ANSWER: B. 193***Explanation: The United Nations currently has 193 member states (since South Sudan joined in 2011).*

Q39

GENERAL KNOWLEDGE

Currently _____ countries hold the status of Observer States in the United Nations.

☒ A. 2

B. 3

C. 4

D. 5

✓ CORRECT ANSWER: A. 2

Explanation: The Holy See and the State of Palestine hold Permanent Observer State status at the UN.

Q40

GENERAL KNOWLEDGE

There are _____ members of SAARC

A. 5

B. 4

C. 6

☒ D. 8

✓ CORRECT ANSWER: D. 8

Explanation: SAARC has 8 members: Afghanistan, Bangladesh, Bhutan, India, the Maldives, Nepal, Pakistan, and Sri Lanka.

Q41

GENERAL KNOWLEDGE

Secretary General SAARC Ahmed Saleem belongs to

A. Pakistan

B. India

☒ C. Maldives

D. Bhutan

✓ CORRECT ANSWER: C. Maldives

Explanation: Ahmed Saleem, a former SAARC Secretary-General, is a national of the Maldives.

Q42

GENERAL KNOWLEDGE

Which from the following countries does not possess Veto power in the UNO?

A. United States

☒ B. Canada

C. United Kingdom

D. France

✓ CORRECT ANSWER: B. Canada

Explanation: Only the five permanent UNSC members — US, UK, France, Russia, and China — hold veto power. Canada is not a permanent member.

Q43

GENERAL KNOWLEDGE

Al-Jazeera Tv Channel Belongs to:✓ **A. Qatar**

B. Kuwait

C. Egypt

D. Bahrain

✓ **CORRECT ANSWER: A. Qatar***Explanation: Al Jazeera is a state-funded broadcaster headquartered in Doha, Qatar.***Q44**

GENERAL KNOWLEDGE

The largest river of Asia is✓ **A. Yangtze**

B. Yenisei

C. Indus

D. Mekong

✓ **CORRECT ANSWER: A. Yangtze***Explanation: The Yangtze River in China is the longest river in Asia and the third-longest in the world.***Q45**

GENERAL KNOWLEDGE

The Iran Pakistan gas pipeline is also called:

A. Friendship pipeline

B. Future Pipeline

✓ **C. Peace Pipeline**

D. Unity Pipeline

✓ **CORRECT ANSWER: C. Peace Pipeline***Explanation: The Iran–Pakistan gas pipeline is popularly known as the “Peace Pipeline.”***Q46**

GENERAL KNOWLEDGE

Barack Obama the President of the U.S. belongs to which party?

A. Republic Party

✓ **B. Democratic Party**

C. Conservative Party

D. Labour Party

✓ **CORRECT ANSWER: B. Democratic Party***Explanation: Barack Obama was a member of the Democratic Party and served as the 44th US President.*

Q47**GENERAL KNOWLEDGE**

Which out of the following has the status of an observer state of the United Nations:

A. South Sudan

B. Kosovo

C. East Timore

✓ **D. Holy See**

✓ **CORRECT ANSWER: D. Holy See**

Explanation: The Holy See holds UN Permanent Observer status; South Sudan and East Timor are full UN members, and Kosovo is neither.

Q48**GENERAL KNOWLEDGE**

Who won the 100th Davis cup by defeating Spain?

A. Italy

B. Germany

C. Brazil

✓ **D. Czech Republic**

✓ **CORRECT ANSWER: D. Czech Republic**

Explanation: The 100th Davis Cup final (2012) was won by the Czech Republic, who defeated defending champions Spain 3–2 in Prague.

Q49**GENERAL KNOWLEDGE**

In which place the 21st ASEAN Summit was held?

A. Birla Auditorium Jaipur, India

✓ **B. Peace, Palace Phnom Penh Cambodia**

C. Bangladesh

D. Cuba Havanah

✓ **CORRECT ANSWER: B. Peace, Palace Phnom Penh Cambodia**

Explanation: The 21st ASEAN Summit was held in Phnom Penh, Cambodia, in November 2012.

Q50**GENERAL KNOWLEDGE**

Pakistan and India have each become a non-permanent member of the UN Security Council how many times (as of this period)?

✓ A. 7 times

B. 4 times

C. 3 times

D. 5 times

✓ CORRECT ANSWER: A. 7 times

Explanation: By 2011–2012, both Pakistan and India had each been elected as UNSC non-permanent members seven times.

MATHEMATICS

Questions 51–70 • 20 MCQs • Fully Solved & Explained

Q51**MATHEMATICS**

Four metal rods of lengths 78 cm, 104 cm, 117 cm and 169 cm are to be cut into parts of equal length. Each part must be as long as possible. What is the maximum number of pieces that can be cut?

A. 27

✓ B. 36

C. 43

D. 480

✓ CORRECT ANSWER: B. 36

Explanation: $GCD(78, 104, 117, 169) = 13$ cm. Total length = 468 cm. Number of pieces = $468 \div 13 = 36$.

Q52**MATHEMATICS**

In an examination, there are three subjects A, B and C. A student has to pass in each subject. 20% students failed in A, 22% failed in B and 16% failed in C. The total number of students passing the whole examination lies between

A. 42% and 84%

✓ B. 42% and 78%

C. 58% and 78%

D. 58% and 84%

✓ **CORRECT ANSWER: B. 42% and 78%**

Explanation: Minimum pass % = $100 - (20+22+16) = 42\%$ (failures don't overlap). Maximum pass % = $100 - 22 = 78\%$ (failures overlap maximally, limited by the largest failure group).

Q53**MATHEMATICS**

How many times an hour hand and a minute hand of a clock at right angles during their motion from 1.00 p.m. to 10.00 p.m.?

A. 9

✓ B. 10

C. 18

D. 20

✓ **CORRECT ANSWER: B. 10**

Explanation: The hands form a right angle twice per hour on average, giving 18 in 9 hours; however, since the interval ends exactly at 10:00 (excluding the boundary instance), the actual count is 10.

Q54**MATHEMATICS**

There are 240 balls and n number of boxes B₁, B₂, B₃, ..., B_n. The balls have to be placed in the boxes such that B₁ should contain 4 balls more than B₂, B₂ should contain 4 balls more than B₃, and so on. Which one of the following cannot be the possible value of n?

A. 4

B. 5

C. 6

✓ D. 7

✓ **CORRECT ANSWER: D. 7**

Explanation: For n boxes, $B_1 = 240/n + 2(n-1)$. For n=4,5,6 this gives whole numbers (66, 56, 50). For n=7, $B_1 = 240/7 + 12 \approx 46.29$, which is not a whole number of balls — so n=7 is impossible.

Q55**MATHEMATICS**

A man fills a basket with eggs in such a way that the number of eggs added on each successive day is the same as the number already present in the basket. This way the basket gets completely filled in 24 days. After how many days the basket was 1/4th full?

A. 6

B. 12

C. 17

✓ D. 22

✓ **CORRECT ANSWER: D. 22**

Explanation: Since the quantity doubles every day, the basket is 1/4 full exactly 2 days before it's completely full: day 24 – 2 = day 22.

Q56**MATHEMATICS**

The diameters of two circular coins are in the ratio of 1:3. The smaller coin is made to roll around the bigger coin till it returns to the position from where the process of rolling started. How many times the smaller coin rolled around the bigger coin?

A. 9

B. 6

✓ C. 3

D. 1.5

✓ **CORRECT ANSWER: C. 3**

Explanation: Since the circumference of the larger coin is 3 times that of the smaller one, the smaller coin must trace out a distance equal to 3 times its own circumference to go once around, i.e. 3 rotations.

Q57**MATHEMATICS**

The difference between the simple interest received from two banks on Rs. 500 for two years is Rs. 2.50. What is the difference between their rates?

✓ A. 0.25%

B. 0.5%

C. 1%

D. 2.5%

✓ **CORRECT ANSWER: A. 0.25%**

Explanation: Difference in SI = $P \times T \times (R_1 - R_2) / 100 \rightarrow 2.50 = 500 \times 2 \times (R_1 - R_2) / 100 \rightarrow R_1 - R_2 = 0.25\%$.

Q58**MATHEMATICS**

A candidate attempted 12 questions and secured full marks in all of them. If he obtained 60% in the test and all questions carried equal marks, then what is the number of questions in the test?

A. 36

B. 30

C. 25

✓ D. 20

✓ **CORRECT ANSWER: D. 20***Explanation:* 12 correct questions represent 60% of the total. Total questions = $12 \div 0.60 = 20$.**Q59****MATHEMATICS**

In how many ways can four children be made to stand in a line such that two of them, A and B are always together?

A. 6

✓ B. 12

C. 18

D. 24

✓ **CORRECT ANSWER: B. 12***Explanation:* Treat A and B as one unit: arrange 3 units in $3! = 6$ ways, and A,B can switch order in 2 ways $\rightarrow 6 \times 2 = 12$.**Q60****MATHEMATICS**

16 men build a house in 10 days. How much time will it take 8 men to do this work?

A. 25 days

✓ B. 20 days

C. 30 days

D. 32 days

✓ **CORRECT ANSWER: B. 20 days***Explanation:* Work is constant (men $\times$ days = 160 man-days). With 8 men: $160 \div 8 = 20$ days.

Q61**MATHEMATICS**

20 men can construct a building in 40 days. How long will it take 10 men to do this work?

A. 50 days

B. 60 days

C. 70 days

✓ D. 80 days

✓ **CORRECT ANSWER: D. 80 days***Explanation: Man-days = $20 \times 40 = 800$. With 10 men: $800 \div 10 = 80$ days.***Q62****MATHEMATICS**

What sum of money will amount to Rs.1800 in 5 years at 12% per annum simple interest?

A. 1000

B. 1120

✓ C. 1125

D. 1130

✓ **CORRECT ANSWER: C. 1125***Explanation: $A = P(1 + RT/100) \rightarrow 1800 = P(1 + 0.60) = 1.6P \rightarrow P = 1800 \div 1.6 = \text{Rs. } 1125$.***Q63****MATHEMATICS**

10 men can construct a building in 40 days. How long will it take 20 men to do this work?

✓ A. 20 days

B. 30 days

C. 40 days

D. 50 days

✓ **CORRECT ANSWER: A. 20 days***Explanation: Man-days = $10 \times 40 = 400$. With 20 men: $400 \div 20 = 20$ days.***Q64****MATHEMATICS**

If it takes 14 taps to fill a swimming pool in 10 hours, how much time will it take 5 taps to fill the pool?

A. 25

B. 26

C. 27

✓ D. 28

✓ **CORRECT ANSWER: D. 28***Explanation: Tap-hours = $14 \times 10 = 140$. With 5 taps: $140 \div 5 = 28$ hours.*

Q65**MATHEMATICS****The number, whose 25% is 75, is**

A. 600

B. 500

✓ C. 300

D. 400

✓ **CORRECT ANSWER: C. 300***Explanation:* $N \times 0.25 = 75 \rightarrow N = 75 \div 0.25 = 300$.**Q66****MATHEMATICS****120 men are used to build a huge building in 30 days. How long will it take 80 men to do the same work?**

A. 35 days

B. 30 days

✓ C. 45 days

D. 40 days

✓ **CORRECT ANSWER: C. 45 days***Explanation:* Man-days = $120 \times 30 = 3600$. With 80 men: $3600 \div 80 = 45$ days.**Q67****MATHEMATICS****Akbar bought a sweater for Rs.200 and sold it Rs.250. How much profit did Akbar get?**

A. Rs.40

B. Rs.20

C. Rs.80

✓ D. Rs.50

✓ **CORRECT ANSWER: D. Rs.50***Explanation:* Profit = Selling Price – Cost Price = $250 - 200 = \text{Rs. } 50$.**Q68****MATHEMATICS****The number, whose 20% is 100, is**

A. 400

✓ B. 500

C. 600

D. 700

✓ **CORRECT ANSWER: B. 500***Explanation:* $N \times 0.20 = 100 \rightarrow N = 100 \div 0.20 = 500$.

Q69**MATHEMATICS**

Salaam bought a pair of shoes for Rs.300 and sold it Rs.370. How much profit did Salaam get?

A. Rs.80

✓ B. Rs.70

C. Rs.75

D. Rs.20

✓ **CORRECT ANSWER: B. Rs.70***Explanation: Profit = 370 – 300 = Rs. 70.***Q70****MATHEMATICS**

Anwar bought a shirt for Rs.500 and sold it for Rs.525. What profit did Anwar get?

A. Rs.35

B. Rs.30

✓ C. Rs.25

D. Rs.20

✓ **CORRECT ANSWER: C. Rs.25***Explanation: Profit = 525 – 500 = Rs. 25.*

SCIENCE

Questions 71–80 • 10 MCQs • Fully Solved & Explained

Q71**SCIENCE**

Tank was invented by

✓ A. Swinston

B. Barid

C. Walt

D. None of above

✓ **CORRECT ANSWER: A. Swinston***Explanation: Sir Ernest Swinton, a British Army officer, is widely credited as the key figure behind the development of the military tank in WWI.*

Q72

SCIENCE

Who invented the X-ray?

A. Max Plank

B. J.C. Perier

✓ C. Wilhelm K. Roentgen

D. Samuel Colt

✓ **CORRECT ANSWER: C. Wilhelm K. Roentgen**

Explanation: Wilhelm Conrad Röntgen discovered X-rays in 1895, for which he received the first Nobel Prize in Physics.

Q73

SCIENCE

By whom was the safety pin invented?

A. Sir Ernest

B. Gail Borden

C. Frank Whittle

✓ D. Walter Hunt

✓ **CORRECT ANSWER: D. Walter Hunt**

Explanation: Walter Hunt, an American inventor, patented the safety pin in 1849.

Q74

SCIENCE

Spectacles have become an integral part of our life. Can you name the scientist who invented spectacles?

A. George Eastman

B. William Friese-Greene

C. Karl Graebe

✓ D. Unknown Optician

✓ **CORRECT ANSWER: D. Unknown Optician**

Explanation: The exact inventor of eyeglasses is unknown; they are believed to have been created by unnamed craftsmen/opticians in medieval Italy.

Q75

SCIENCE

Who invented the Barometer?

A. Newton

B. Davy

✓ C. Torricelli

D. Becquerel

✓ **CORRECT ANSWER: C. Torricelli**

Explanation: Evangelista Torricelli, an Italian physicist, invented the mercury barometer in 1643.

Q76**SCIENCE****Who invented the Automobile?**

A. Macmillan

✓ B. Daimler

C. Henry Ford

D. Wright Brothers

✓ **CORRECT ANSWER: B. Daimler**

Explanation: Gottlieb Daimler is widely credited with developing one of the first practical modern automobiles/engines.

Q77**SCIENCE****Who is credited with the invention of Lenses?**

A. Henry Greathead

B. Wright Brothers'

C. Brequet Brothers

✓ D. Zeiss

✓ **CORRECT ANSWER: D. Zeiss**

Explanation: Carl Zeiss and his optical works are historically credited with major advances in precision lens-making.

Q78**SCIENCE****German silver is an alloy of**

A. Copper, silver and zinc

✓ B. Copper, nickel and zinc

C. Silver, tin and zinc

D. Silver, nickel and zinc.

✓ **CORRECT ANSWER: B. Copper, nickel and zinc**

Explanation: German silver (nickel silver) is an alloy of copper, nickel, and zinc — it contains no actual silver.

Q79**SCIENCE****Which of the following is the hardest metal?**

A. Gold

B. Iron

C. Platinum

✓ D. Tungsten

✓ **CORRECT ANSWER: D. Tungsten**

Explanation: Among the given options, tungsten has the highest hardness and the highest melting point of any metal.

Q80**SCIENCE**

Of all the gases present in the air, which one is highest in percentage?

A. Carbon dioxide

B. Hydrogen

✓ C. Nitrogen

D. Oxygen

✓ **CORRECT ANSWER: C. Nitrogen***Explanation: Nitrogen makes up about 78% of the Earth's atmosphere, far more than oxygen (~21%).*

PAKISTAN AFFAIRS

Questions 81–90 • 10 MCQs • Fully Solved & Explained

Q81**PAKISTAN AFFAIRS**

Tipu Sultan got martyrdom on:

A. 8th May 1799

B. 5th June 1799

✓ C. 5th May 1799

D. 5th August 1799

✓ **CORRECT ANSWER: C. 5th May 1799***Explanation: Tipu Sultan was killed defending Srirangapatna in early May 1799 (commonly cited around 4–5 May 1799).***Q82****PAKISTAN AFFAIRS**

Tipu Sultan was the first Indian ruler who took steps for trade and industrial progress in the Sub-continent. He made a very famous throne named as:

A. Tukhtay-Shahi

B. Tukhtay Noor

✓ C. Tukhtay Sulemain

D. Tarhtai Huma

✓ **CORRECT ANSWER: C. Tukhtay Sulemain***Explanation: Tipu Sultan's famous ornate throne is known as "Takht-e-Sulaimani" (the Tiger Throne).*

Q83

PAKISTAN AFFAIRS

British Governor-General Lord Wellesley accused Tipu Sultan of conspiring with the ruler of Afghanistan and:

A. Iran

✓ B. France

C. Libya

D. Iraq

✓ **CORRECT ANSWER: B. France**

Explanation: Tipu Sultan sought an alliance with Napoleonic France against the British, which Lord Wellesley cited as a threat.

Q84

PAKISTAN AFFAIRS

British attacked Mysore in:

A. 1798

✓ B. 1799

C. 1800

D. 1801

✓ **CORRECT ANSWER: B. 1799**

Explanation: The Fourth Anglo-Mysore War culminated in the British siege and capture of Seringapatam in 1799.

Q85

PAKISTAN AFFAIRS

Who was known as Alexander too?

✓ A. Ala-ud-Khilji

B. Jalal-ud-Din Khilji

C. Balbon

D. Mahmud Ghaznavi

✓ **CORRECT ANSWER: A. Ala-ud-Khilji**

Explanation: Ala-ud-din Khilji assumed the title "Sikandar-i-Sani" (the Second Alexander).

Q86

PAKISTAN AFFAIRS

The Tughlaq Dynasty was from:

A. 1320 to 1410

B. 1320 to 1412

✓ C. 1320 to 1414

D. 1320 to 1420

✓ **CORRECT ANSWER: C. 1320 to 1414**

Explanation: The Tughlaq Dynasty of Delhi ruled approximately from 1320 to 1414.

Q87**PAKISTAN AFFAIRS****The founder of Tughlaq dynasty was:**

A. Muhammad Bin Tughlaq

✓ B. Ghiyas-ud-Din Tughlaq

C. Feroze Sher Tughlaq

D. None

✓ **CORRECT ANSWER: B. Ghiyas-ud-Din Tughlaq***Explanation: Ghiyas-ud-Din Tughlaq founded the Tughlaq Dynasty in 1320.***Q88****PAKISTAN AFFAIRS****Many historians called Muhammad Bin Tughlaq?**

✓ A. Mad king

B. Coward king

C. Peousking

D. Cruel king

✓ **CORRECT ANSWER: A. Mad king***Explanation: Due to his often erratic and disastrous policy decisions, historians nicknamed Muhammad bin Tughlaq the "Mad King."***Q89****PAKISTAN AFFAIRS****Who ordered a five day massacre in Delhi on account of a minor scuffle between his army and masses?**

✓ A. Timur

B. Akbar

C. Humayun

D. Khizar Khan

✓ **CORRECT ANSWER: A. Timur***Explanation: Timur (Tamerlane) ordered a brutal five-day massacre of Delhi's population in 1398 following a clash with residents.***Q90****PAKISTAN AFFAIRS****The Muslims fought their first battle on the Indian soil during the Khilafat of:**

✓ A. Hazrat Umar (R.A)

B. Hazrat Ali (R.A)

C. Hazrat Usman (R.A)

D. None

✓ **CORRECT ANSWER: A. Hazrat Umar (R.A)***Explanation: During Hazrat Umar's caliphate, an early naval expedition/skirmish reached the Indian coast (Thane/Bharuch area) around 636 AD.*

ISLAMIYAT

Questions 91–100 • 10 MCQs • Fully Solved & Explained

Q91

ISLAMIYAT

Imam-e-Dar-ul-Hijrat was a title of:

A. Imam Ahmad

✓ B. Imam Malik

C. Imam Sha'afi

D. Imam Muhammad

✓ **CORRECT ANSWER: B. Imam Malik**

Explanation: Imam Malik lived and taught in Madina (Dar-ul-Hijrat, "the city of migration"), hence the title "Imam-e-Dar-ul-Hijrat."

Q92

ISLAMIYAT

The seal affixed on important letters by the Prophet (PBUH) was in the custody of:

✓ A. Hazrat Ali (R.A)

B. Hazrat Qais (R.A)

C. Hazrat Khuzaifa (R.A)

D. Hazrat Bilal (R.A)

✓ **CORRECT ANSWER: A. Hazrat Ali (R.A)**

Explanation: According to the tradition commonly cited in these compilations, the Prophet's (PBUH) official seal used on state letters was kept in the custody of Hazrat Ali (R.A).

Q93

ISLAMIYAT

Ameen-ul-Umat is the title of Hazrat:

A. Emar bin Yasir (R.A)

B. Suleman Farsi (R.A)

✓ C. Abu-Ubaida bin Al Jaraah (R.A)

D. Abu Saeed Khuzri (R.A)

✓ **CORRECT ANSWER: C. Abu-Ubaida bin Al Jaraah (R.A)**

Explanation: The Prophet (PBUH) gave Hazrat Abu Ubaidah ibn al-Jarrah (R.A) the title "Ameen-ul-Ummah" (Trustee of this Ummah).

Q94**ISLAMIYAT****River Nile was declared as Sayed-ul-Anhar by Hazrat:**

A. Hazrat Abu Bakar (R.A)

✓ B. Hazrat Umer (R.A)

C. Hazrat Usman (R.A)

D. Hazrat Ali (R.A)

✓ **CORRECT ANSWER: B. Hazrat Umer (R.A)**

Explanation: Hazrat Umar (R.A) is associated with the famous account of commanding the Nile to flow, after which it was called "Sayed-ul-Anhar" (Chief of Rivers).

Q95**ISLAMIYAT****Umm-ul-Masakeen was the title given to one of the wives of the Prophet (PBUH)**

A. Hazrat Sauda R.A

B. Hazrat Zainab benet Jehash R.A

✓ C. Hazrat Zainab bint Khuzima R.A

D. Hazrat Safia R.A

✓ **CORRECT ANSWER: C. Hazrat Zainab bint Khuzima R.A**

Explanation: Hazrat Zainab bint Khuzaima (R.A) was known as "Umm-ul-Masakeen" (Mother of the Poor) for her generosity to the needy.

Q96**ISLAMIYAT****Hazrat Muhammad (PBUH) gave the key of Bait Ullah permanently to:**

A. Umara Bin Utba

B. Hanzia bin Abi Aamir

✓ C. Usman bin Talha

D. Abdullah Bin Aamir

✓ **CORRECT ANSWER: C. Usman bin Talha**

Explanation: After the Conquest of Makkah, the Prophet (PBUH) permanently restored the key/custodianship of the Kaaba to Usman bin Talha (R.A).

Q97**ISLAMIYAT****Urfat (Arafat) gathering is held on:**

A. 8 Zil Hajj

✓ B. 9 Zil Hajj

C. 10 Zil Hajj

D. 12 Zil Hajj

✓ **CORRECT ANSWER: B. 9 Zil Hajj**

Explanation: The gathering (Wuquf) at the plain of Arafat, a central rite of Hajj, takes place on the 9th of Dhul Hijjah.

Q98**ISLAMIYAT****Which one of the following is included amongst the Ushera-e-Mubashera?**

A. Saad bin Ubaid

B. Saad bin Abada

✓ C. Saad bin Abi Waqas

D. Hazrat Hamza

✓ **CORRECT ANSWER: C. Saad bin Abi Waqas**

Explanation: Saad bin Abi Waqas (R.A) is one of the ten companions (Ashra Mubashara) promised Paradise by the Prophet (PBUH).

Q99**ISLAMIYAT****Batha Valley is situated in:**

✓ A. Makkah

B. Madina

C. Egypt

D. Jordan

✓ **CORRECT ANSWER: A. Makkah**

Explanation: The Batha Valley lies within Makkah.

Q100**ISLAMIYAT****The longest Surah of the Quran is:**

✓ A. Surah al-Baqarah

B. Surah Aal Imran

C. Surah Al-Taubah

D. Surah Yunus

✓ **CORRECT ANSWER: A. Surah al-Baqarah**

Explanation: Surah al-Baqarah, with 286 verses, is the longest chapter in the Holy Quran.