PPSC Bio Medical Engineer | BS-17 — GUESS PAPER 2026 (Set 2 of 2) · Predicted Questions

Body: Punjab Public Service Commission (PPSC) · **Post:** Bio Medical Engineer | BS-17 · **Set:** 2 of 2 · **Questions:** 100 predicted — 0 repeated questions, 18 verified facts predicted to recur, 82 syllabus anchors · **Price:** Free

GUESS PAPER — predicted questions for the upcoming exam, NOT a past paper. Every question below is a prediction: it is here because the same question, the same fact, or the same topic appeared in verified PPSC Bio Medical Engineer | BS-17 past papers. **No pass guarantee.** A guess paper raises the odds; it does not promise a result. Answers are the best-supported answers, not exam keys.

[C]-HEAVY PAPER — thin verified pool. 82 of the 100 questions below are syllabus anchors on this post's recurring topics, because the verified archive for this post holds only 39 items. Those questions are flagged [C] on every one of them: they are predictions about the syllabus, not verified facts. Study the topic, not just the answer.

> **How to use this paper:** study the basis under each question, not just the answer — the real paper will ask the same topics in different words. Revise the underlying topic, not only the four options. Do not quote any item as "asked in the 2026 exam" — nothing here has been asked yet.

Question 1 Biomedical Engineering

Which instrument is used to listen to heart and lung sounds?

- A. Stethoscope ✓ **Predicted answer**
- B. Sphygmomanometer
- C. Thermometer

Why this answer? A stethoscope lets a doctor listen to the sounds of the heart and lungs.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: diagnostic instruments recur in this post's syllabus.

Question 2 Biomedical Engineering

Which gas is carried to the tissues by the red blood cells?

- A. Carbon dioxide
- B. Oxygen ✓ **Predicted answer**
- C. Nitrogen
- D. Hydrogen

Why this answer? Red blood cells carry oxygen from the lungs to the tissues of the body.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 3 Biomedical Engineering

Which valve lies between the left atrium and the left ventricle of the heart?

- A. Aortic valve
- B. Tricuspid valve
- C. Mitral valve ✓ **Predicted answer**
- D. Pulmonary valve

Why this answer? The mitral valve sits between the left atrium and the left ventricle and stops blood flowing backwards.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

4 Biomedical Engineering

Which device records the electrical activity of the heart over 24 hours?

- A. Sphygmomanometer
- B. Pulse oximeter
- C. Glucometer
- D. Holter monitor ✓ **Predicted answer**

Why this answer? A Holter monitor is a portable ECG device worn for 24 hours to record the heart's rhythm.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: ECG and cardiac monitoring recur in this post's syllabus.

Question 5 Biomedical Engineering

What is the normal fasting blood sugar level of a healthy adult?

- A. 40 to 60 mg per dL
- B. 70 to 100 mg per dL ✓ **Predicted answer**
- C. 120 to 150 mg per dL
- D. 180 to 220 mg per dL

Why this answer? A healthy adult's fasting blood sugar is normally about 70 to 100 mg per dL.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: normal vital signs recur in this post's syllabus.

Question 6 Biomedical Engineering

Which organ filters the blood and forms urine?

- A. Liver
- B. Spleen

- D. Pancreas

Why this answer? The kidneys filter waste from the blood and form urine.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

Question 7 Biomedical Engineering

Which imaging technique uses X-rays to make cross-sectional pictures of the body?

- A. Ultrasound
- B. MRI
- C. Endoscopy
- D. CT scan ✓ **Predicted answer**

Why this answer? A CT scan rotates an X-ray source around the body to build cross-sectional images.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: medical imaging methods recur in this post's syllabus.

Question 8 Biomedical Engineering

What is the SI unit of electric resistance?

- A. Ohm ✓ **Predicted answer**
- B. Volt
- C. Ampere
- D. Watt

Why this answer? The ohm is the SI unit of electric resistance.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: electrical units and circuits recur in this post's syllabus.

9 Biomedical Engineering

Which part of the ECG tracing shows the contraction of the ventricles?

- A. P wave
- B. T wave
- C. QRS complex ✓ **Predicted answer**
- D. PR interval

Why this answer? The QRS complex on an ECG shows the ventricles contracting and pumping blood out.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: ECG and cardiac monitoring recur in this post's syllabus.

Question 10 Biomedical Engineering

Which are the smallest blood vessels in the human body?

- A. Arteries
- B. Veins
- C. Arterioles
- D. Capillaries ✓ **Predicted answer**

Why this answer? Capillaries are the smallest blood vessels, where oxygen and nutrients pass into the tissues.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

Question 11 Biomedical Engineering

What is the liquid part of the blood called?

- A. Plasma ✓ **Predicted answer**
- B. Serum

moglobin

- D. Platelets

Why this answer? Plasma is the liquid part of the blood in which the blood cells float.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 12 Biomedical Engineering

What is the normal breathing rate of an adult at rest?

- A. 6 to 8 breaths per minute
- B. 12 to 20 breaths per minute ✓ **Predicted answer**
- C. 25 to 30 breaths per minute
- D. 40 to 50 breaths per minute

Why this answer? A healthy adult at rest normally breathes 12 to 20 times per minute.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: normal vital signs recur in this post's syllabus.

Question 13 Biomedical Engineering

The first heart sound, "lub", is caused by the closing of which valves?

- A. Opening of the aortic valve
- B. Closing of the semilunar valves
- C. Opening of the mitral valve
- D. Closing of the atrioventricular valves ✓ **Predicted answer**

Why this answer? The first heart sound is made when the atrioventricular valves close at the start of ventricular contraction.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: ECG and cardiac monitoring recur in this post's syllabus.

14 Biomedical Engineering

Which bone is found in the upper arm?

- A. Humerus ✓ **Predicted answer**
- B. Femur
- C. Radius
- D. Tibia

Why this answer? The humerus is the long bone of the upper arm.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

Question 15 Biomedical Engineering

Which vitamin helps the blood to clot?

- A. Vitamin A
- B. Vitamin K ✓ **Predicted answer**
- C. Vitamin C
- D. Vitamin D

Why this answer? Vitamin K is needed to make the proteins that clot the blood.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 16 Biomedical Engineering

Which part of the heart sets its rhythm and is called the natural pacemaker?

- A. AV node
- B. Bundle of His
- C. SA node ✓ **Predicted answer**
- D. Purkinje fibres

swer? The sinoatrial (SA) node starts each heartbeat, so it is called the natural pacemaker of the heart.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 17 Biomedical Engineering

Which device is used to measure blood sugar?

- A. Glucometer ✓ **Predicted answer**
- B. Barometer
- C. Spirometer
- D. Altimeter

Why this answer? A glucometer measures the sugar level in a drop of blood.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: diagnostic instruments recur in this post's syllabus.

Question 18 Biomedical Engineering

What is the normal body temperature in Fahrenheit?

- A. 96.6 degrees Fahrenheit
- B. 98.6 degrees Fahrenheit ✓ **Predicted answer**
- C. 100.6 degrees Fahrenheit
- D. 102.6 degrees Fahrenheit

Why this answer? Normal body temperature is about 98.6 degrees Fahrenheit, equal to 37 degrees Celsius.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: normal vital signs recur in this post's syllabus.

19 Biomedical Engineering

Which organ produces bile?

- A. Gall bladder
- B. Pancreas
- C. Liver ✓ **Predicted answer**
- D. Spleen

Why this answer? Bile, which helps digest fats, is produced by the liver.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 20 Biomedical Engineering

Which method is used to sterilise surgical instruments?

- A. Washing with soap
- B. Drying in sunlight
- C. Rinsing with water
- D. Autoclaving ✓ **Predicted answer**

Why this answer? Autoclaving uses pressurised steam to sterilise surgical instruments.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: hospital safety and sterilisation recur in this post's syllabus.

Question 21 Biomedical Engineering

Which nerve carries signals from the eye to the brain?

- A. Auditory nerve
- B. Optic nerve ✓ **Predicted answer**
- C. Olfactory nerve
- D. Vagus nerve

swer? The optic nerve carries visual signals from the eye to the brain.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

Question 22 Biomedical Engineering

What is the amount of blood pumped by the heart in one minute called?

- A. Stroke volume
- B. Blood pressure
- C. Cardiac output ✓ **Predicted answer**
- D. Heart rate

Why this answer? Cardiac output is the volume of blood the heart pumps in one minute.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 23 Biomedical Engineering

What is the colour of oxygenated blood?

- A. Dark blue
- B. Purple
- C. Brown
- D. Bright red ✓ **Predicted answer**

Why this answer? Blood rich in oxygen is bright red.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 24 Biomedical Engineering

What is the main function of the white blood cells?

nt infection ✓ **Predicted answer**

- B. Carry oxygen
- C. Clot the blood
- D. Carry hormones

Why this answer? White blood cells defend the body against infection and disease.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 25 Biomedical Engineering

Which is the largest organ of the human body?

- A. Liver
- B. Brain
- C. Skin ✓ **Predicted answer**
- D. Heart

Why this answer? The skin is the largest organ of the human body.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human anatomy recurs in this post's syllabus.

Question 26 Biomedical Engineering

Which metal is most commonly used in the electrodes of an ECG?

- A. Copper
- B. Iron
- C. Aluminium
- D. Silver and silver chloride ✓ **Predicted answer**

Why this answer? ECG electrodes are usually made of silver and silver chloride for a stable skin contact.

ed [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: sensors and electrodes recur in this post's syllabus.

Question 27 Biomedical Engineering

What controls the normal human heartbeat?

- A. Electrical impulses ✓ **Predicted answer**
- B. Hormones only
- C. Muscle pressure only
- D. Nerve gases

Why this answer? The heartbeat is controlled by electrical impulses started in the SA node.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 28 Biomedical Engineering

What does a spirometer measure?

- A. Blood pressure
- B. Lung capacity ✓ **Predicted answer**
- C. Heart rate
- D. Blood sugar

Why this answer? A spirometer measures how much air the lungs can hold and move.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: diagnostic instruments recur in this post's syllabus.

Question 29 Biomedical Engineering

Which disease is caused by a lack of insulin?

ertension

- B. Anaemia
- C. Asthma
- D. Diabetes ✓ **Predicted answer**

Why this answer? Diabetes is caused when the body makes too little insulin or cannot use it properly.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: human physiology recurs in this post's syllabus.

Question 30 Biomedical Engineering

Which unit is used to measure the frequency of sound?

- A. Hertz ✓ **Predicted answer**
- B. Decibel
- C. Watt
- D. Joule

Why this answer? Frequency is measured in hertz.

Why predicted [C] — Syllabus anchor: syllabus anchor — Biomedical Engineering: electrical units and signals recur in this post's syllabus.

Question 31 English

Soldiers who carry out the orders of their officers are showing which quality?

- A. Conformity
- B. Obedience ✓ **Predicted answer**
- C. Aggression
- D. Groupthink

Why this answer? Soldiers complying with their superiors' commands are displaying

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q27 (verified item — correct answer: Obedience).

Question 32 English

Choose the correct preposition: "Aslam is senior ___ me."

- A. On
- B. Of
- C. To ✓ **Predicted answer**
- D. For

Why this answer? "Senior to me" is correct: senior takes "to" ("Aslam is senior to me").

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q28 (verified item — correct answer: To).

Question 33 English

Which word completes the saying "Do not put all your eggs in ___"?

- A. One basket ✓ **Predicted answer**
- B. Fridge
- C. Jar
- D. Pane

Why this answer? The proverb is "Do not put your eggs in one basket".

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q29 (verified item — correct answer: One basket).

Question 34 English

Majid said, "It may rain tomorrow." Which is the correct reported form?

id said that it might rain tomorrow

- B. Majid said that it might rain the next day ✓ **Predicted answer**
- C. Majid told that it may rain the next day
- D. Majid said that it may rain the next day

Why this answer? "Majid said that it might rain the next day" is the correct indirect sentence ("may" becomes "might", "tomorrow" becomes "the next day").

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q30 (verified item — correct answer: Majid said that it might rain the next day).

Question 35 English

Which of these words is spelt correctly?

- A. Beatiful
- B. Beautifull
- C. Beautiful ✓ **Predicted answer**
- D. Biutiful

Why this answer? Beautiful is the correct spelling.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: spelling recurs in this post's syllabus.

Question 36 English

What is the plural of "child"?

- A. Childs
- B. Childes
- C. Childrens
- D. Children ✓ **Predicted answer**

swer: The plural of "child" is "children".

Why predicted [C] — Syllabus anchor: syllabus anchor — English: plurals recur in this post's syllabus.

Question 37 English

Which word is a synonym of "brave"?

- A. Cowardly
- B. Courageous ✓ **Predicted answer**
- C. Weak
- D. Timid

Why this answer? Courageous means the same as brave.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: synonyms recur in this post's syllabus.

Question 38 English

Which word is an antonym of "rich"?

- A. Wealthy
- B. Lucky
- C. Poor ✓ **Predicted answer**
- D. Famous

Why this answer? Poor is the opposite of rich.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: antonyms recur in this post's syllabus.

Question 39 English

Which sentence is in the past tense?

goes to school every day

- B. He is going to school now
- C. He will go to school tomorrow
- D. He went to school yesterday ✓ **Predicted answer**

Why this answer? "He went to school yesterday" is in the past tense.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: tenses recur in this post's syllabus.

Question 40 English

Which word is the opposite of "ancient"?

- A. Modern ✓ **Predicted answer**
- B. Old
- C. Historic
- D. Classical

Why this answer? Modern is the opposite of ancient.

Why predicted [C] — Syllabus anchor: syllabus anchor — English: antonyms recur in this post's syllabus.

Question 41 Mathematics

Work out 280 minus 120, minus negative 320, plus 50.

- A. 480
- B. 680
- C. 530 ✓ **Predicted answer**
- D. 378

Why this answer? 280 - 120 - (-320) + 50 = 280 - 120 + 320 + 50 = 530.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-

1M2024-LABOUR-HR Q32 (verified item — correct answer: 530).

Question 42 Mathematics

A man washes 8 cars in 18 minutes. At the same rate, how many cars does he wash in 3 hours?

- A. 50
- B. 60
- C. 70
- D. 80 ✓ **Predicted answer**

Why this answer? In 3 hours (180 minutes) he washes 180/18 x 8 = 80 cars.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q33 (verified item — correct answer: 80).

Question 43 Mathematics

How much simple interest is earned on Rs 40,000 at 3 per cent a year for 4 years?

- A. Rs. 4800 ✓ **Predicted answer**
- B. Rs. 5000
- C. Rs. 4700
- D. Rs. 4900

Why this answer? Simple interest = 40,000 x 3/100 x 4 = Rs. 4,800.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q34 (verified item — correct answer: Rs. 4800).

Question 44 Mathematics

What is 25 multiplied by 4?

- A. 90

- C. 110
- D. 120

Why this answer? 25 multiplied by 4 is 100.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: multiplication recurs in this post's syllabus.

Question 45 Mathematics

What is 7 squared?

- A. 42
- B. 45
- C. 47
- D. 49 ✓ **Predicted answer**

Why this answer? 7 squared is 7 multiplied by 7, which is 49.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: squares recur in this post's syllabus.

Question 46 Mathematics

What is 50 per cent of 80?

- A. 40 ✓ **Predicted answer**
- B. 45
- C. 50
- D. 60

Why this answer? 50 per cent of 80 is 40.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: percentages recur in this post's syllabus.

47 Mathematics

What is the sum of the first five natural numbers (1 + 2 + 3 + 4 + 5)?

- A. 10
- B. 15 ✓ **Predicted answer**
- C. 20
- D. 25

Why this answer? 1 + 2 + 3 + 4 + 5 = 15.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: addition recurs in this post's syllabus.

Question 48 Mathematics

What is 1000 minus 250?

- A. 700
- B. 725
- C. 750 ✓ **Predicted answer**
- D. 800

Why this answer? 1000 minus 250 is 750.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: subtraction recurs in this post's syllabus.

Question 49 Mathematics

What is the average of 10, 20 and 30?

- A. 20 ✓ **Predicted answer**
- B. 25
- C. 30
- D. 15

swer: The average of 10, 20 and 30 is (10 + 20 + 30) / 3 = 20.

Why predicted [C] — Syllabus anchor: syllabus anchor — Mathematics: averages recur in this post's syllabus.

Question 50 Urdu

مکمل کریں: کیا کابل میں گدھے ___؟

A. ہوتے ہیں

Predicted answer ✓ B. نہیں ہوتے

C. کبھی کبھار ہوتے ہیں

D. اکثر ہوتے ہیں

Why this answer? The proverb completes as "کیا کابل میں گدھے نہیں ہوتے".

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q37 (verified item — correct answer: نہیں ہوتے).

Question 51 Urdu

لفظ "عجز" کے کیا معنی ہیں؟

A. جرات

B. طاقت

Predicted answer ✓ C. کمزوری

D. ہمت

Why this answer? عجز means کمزوری (weakness, helplessness).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q38 (verified item — correct answer: کمزوری).

52 Urdu

لفظ "مرثیہ" کس زبان سے آیا ہے؟

A. ترکی

B. فارسی

C. ہندی

Predicted answer ✓ D. عربی

Why this answer? مرثیہ is an Arabic word.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q39 (verified item — correct answer:عربی).

Question 53 Urdu

ناول "راجہ گدھ" کس کی تصنیف ہے؟

A. خدیجہ مستور

Predicted answer ✓ B. بانو قدسیہ

C. الطاف فاطمہ

D. بشرا رحمان

Why this answer? بانو قدسیہ wrote the famous novel "راجہ گدھ".

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q40 (verified item — correct answer: بانو قدسیہ).

Question 54 Urdu

اردو کس رسم الخط میں لکھی جاتی ہے؟

B. رومن

Predicted answer ✓ C. نستعلیق

D. گورمکھی

Why this answer? Urdu is written in the Nastaliq script.

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: Urdu script recurs in this post's syllabus.

Question 55 Urdu

علامہ اقبال کا مشہور مجموعہ کلام کون سا ہے؟

A. کلیات غالب

B. دیوان حافظ

C. گلستان سعدی

Predicted answer ✓ D. بانگ درا

Why this answer? بانگ درا is a famous collection of Allama Iqbal's poetry.

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: Urdu literature recurs in this post's syllabus.

Question 56 Urdu

لفظ "دوست" کا متضاد کیا ہے؟

Predicted answer ✓ A. دشمن

B. ساتھی

C. رفیق

Why this answer? دشمن (enemy) is the opposite of دوست (friend).

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: opposites recur in this post's syllabus.

Question 57 Urdu

اردو کا پہلا ناول کون سا ہے؟

A. امراؤ جان ادا

B. خدا کی بستی

C. مراۃ العروس ✓ **Predicted answer**

D. راجہ گدھ

Why this answer? مراۃ العروس, written by Deputy Nazir Ahmad, is regarded as the first novel of Urdu.

Why predicted [C] — Syllabus anchor: syllabus anchor — Urdu: Urdu literature recurs in this post's syllabus.

Question 58 Islamiat

The first revelation came to the Holy Prophet (PBUH) at which place?

- A. Cave of Safa
- B. Cave of Marwa
- C. Cave of Soar
- D. Cave of Hira ✓ **Predicted answer**

Why this answer? The first Wahi (revelation) was revealed in the Cave of Hira.

ed [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q35 (verified item — correct answer: Cave of Hira).

Question 59 Islamiat

In which Hijri year did the tragedy of Karbala take place?

- A. 61 Hijrah ✓ **Predicted answer**
- B. 55 Hijrah
- C. 63 Hijrah
- D. 65 Hijrah

Why this answer? The tragedy of Karbala took place in 61 Hijrah (10 Muharram 61 AH).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q36 (verified item — correct answer: 61 Hijrah).

Question 60 Islamiat

What was the first revealed word of the Holy Quran?

- A. Qul
- B. Iqra ✓ **Predicted answer**
- C. Alhamd
- D. Kun

Why this answer? The first revealed word of the Holy Quran was "Iqra", meaning "Read".

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: revelation of the Holy Quran recurs in this post's syllabus.

Question 61 Islamiat

In which Hijri year did the Battle of Badr take place?

- A. 1 Hijrah

- C. 5 Hijrah
- D. 2 Hijrah ✓ **Predicted answer**

Why this answer? The Battle of Badr took place in 2 Hijrah.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: battles of Islam recur in this post's syllabus.

Question 62 Islamiat

How many Surahs are there in the Holy Quran?

- A. 114 ✓ **Predicted answer**
- B. 110
- C. 116
- D. 120

Why this answer? There are 114 Surahs in the Holy Quran.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the Holy Quran recurs in this post's syllabus.

Question 63 Islamiat

The migration of the Holy Prophet (PBUH) from Makkah to Madinah is called what?

- A. Miraj
- B. Hijrah ✓ **Predicted answer**
- C. Hajj
- D. Jihad

Why this answer? The migration from Makkah to Madinah is called the Hijrah.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the life of the Holy Prophet (PBUH) recurs in this post's syllabus.

64 Islamiat

How many pillars of Islam are there?

- A. Three
- B. Four
- C. Five ✓ **Predicted answer**
- D. Six

Why this answer? There are five pillars of Islam.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the pillars of Islam recur in this post's syllabus.

Question 65 Islamiat

In which city was the Holy Prophet (PBUH) born?

- A. Makkah ✓ **Predicted answer**
- B. Madinah
- C. Taif
- D. Jerusalem

Why this answer? The Holy Prophet (PBUH) was born in Makkah.

Why predicted [C] — Syllabus anchor: syllabus anchor — Islamiat: the life of the Holy Prophet (PBUH) recurs in this post's syllabus.

Question 66 Pakistan Studies

From which town did the 1857 War of Independence begin on 10 May?

- A. Jhansi
- B. Meerut ✓ **Predicted answer**
- C. Gwalior
- D. Lucknow

swer? The Indian rebellion of 1857 began on 10 May from Meerut.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q25 (verified item — correct answer: Meerut).

Question 67 Pakistan Studies

Which former prime minister of Pakistan also served as President of the Pakistan Hockey Federation?

- A. Ch Muhammad Ali
- B. Shaukat Aziz
- C. Mir Zafarullah Khan Jamali ✓ **Predicted answer**
- D. Nawaz Sharif

Why this answer? Mir Zafarullah Khan Jamali, a former prime minister, also served as President of the Pakistan Hockey Federation.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q26 (verified item — correct answer: Mir Zafarullah Khan Jamali).

Question 68 Pakistan Studies

Who is the national poet of Pakistan?

- A. Faiz Ahmed Faiz
- B. Hafeez Jalandhari
- C. Ahmed Faraz
- D. Allama Muhammad Iqbal ✓ **Predicted answer**

Why this answer? Allama Muhammad Iqbal is the national poet of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: national symbols of Pakistan recur in this post's syllabus.

69 Pakistan Studies

In which year was the Objective Resolution passed?

- A. 1947
- B. 1949 ✓ **Predicted answer**
- C. 1956
- D. 1973

Why this answer? The Objective Resolution was passed in 1949.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: constitutional history recurs in this post's syllabus.

Question 70 Pakistan Studies

What is the capital of Punjab?

- A. Rawalpindi
- B. Faisalabad
- C. Lahore ✓ **Predicted answer**
- D. Multan

Why this answer? Lahore is the capital of Punjab.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: provinces of Pakistan recur in this post's syllabus.

Question 71 Pakistan Studies

In which year was the Simla Agreement signed?

- A. 1965
- B. 1966
- C. 1971
- D. 1972 ✓ **Predicted answer**

swer: The Simla Agreement was signed in 1972.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: treaties and agreements recur in this post's syllabus.

Question 72 Pakistan Studies

Which flower is the national flower of Pakistan?

- A. Jasmine ✓ **Predicted answer**
- B. Rose
- C. Tulip
- D. Sunflower

Why this answer? Jasmine is the national flower of Pakistan.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: national symbols of Pakistan recur in this post's syllabus.

Question 73 Pakistan Studies

In which year was the Indus Water Treaty signed?

- A. 1950
- B. 1955
- C. 1960 ✓ **Predicted answer**
- D. 1965

Why this answer? The Indus Water Treaty was signed in 1960.

Why predicted [C] — Syllabus anchor: syllabus anchor — Pakistan Studies: treaties and agreements recur in this post's syllabus.

Question 74 General Knowledge

Which is the largest ocean in the world?

ntic Ocean

- B. Indian Ocean
- C. Arctic Ocean
- D. Pacific Ocean ✓ **Predicted answer**

Why this answer? The Pacific Ocean is the largest ocean in the world.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: oceans recur in this post's syllabus.

Question 75 General Knowledge

What is the capital of France?

- A. Paris ✓ **Predicted answer**
- B. London
- C. Rome
- D. Berlin

Why this answer? Paris is the capital of France.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world capitals recur in this post's syllabus.

Question 76 General Knowledge

Which is the smallest planet in the solar system?

- A. Mars
- B. Mercury ✓ **Predicted answer**
- C. Venus
- D. Pluto

Why this answer? Mercury is the smallest planet in the solar system.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: the solar

Question 77 General Knowledge

What is the currency of the United Kingdom?

- A. Euro
- B. Dollar
- C. Franc
- D. Pound Sterling ✓ **Predicted answer**

Why this answer? The Pound Sterling is the currency of the United Kingdom.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world currencies recur in this post's syllabus.

Question 78 General Knowledge

In which year was the United Nations founded?

- A. 1945 ✓ **Predicted answer**
- B. 1939
- C. 1950
- D. 1919

Why this answer? The United Nations was founded in 1945.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: international organisations recur in this post's syllabus.

Question 79 General Knowledge

In which country is the Great Wall located?

- A. Japan
- B. China ✓ **Predicted answer**

- D. Egypt

Why this answer? The Great Wall is located in China.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world landmarks recur in this post's syllabus.

Question 80 General Knowledge

Which is the largest country in the world by area?

- A. Canada
- B. China
- C. Russia ✓ **Predicted answer**
- D. USA

Why this answer? Russia is the largest country in the world by area.

Why predicted [C] — Syllabus anchor: syllabus anchor — General Knowledge: world geography recurs in this post's syllabus.

Question 81 Everyday Science

What is the chemical symbol of gold?

- A. Au ✓ **Predicted answer**
- B. Ag
- C. Gd
- D. Go

Why this answer? The chemical symbol of gold is Au.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: chemical symbols recur in this post's syllabus.

82 Everyday Science

Which gas is needed for breathing?

- A. Carbon dioxide
- B. Oxygen ✓ **Predicted answer**
- C. Nitrogen
- D. Helium

Why this answer? Oxygen is the gas living things need for breathing.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: gases in the air recur in this post's syllabus.

Question 83 Everyday Science

By which process do plants make food using sunlight?

- A. Respiration
- B. Digestion
- C. Photosynthesis ✓ **Predicted answer**
- D. Fermentation

Why this answer? Plants make food by photosynthesis, using sunlight, water and carbon dioxide.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: plants and photosynthesis recur in this post's syllabus.

Question 84 Everyday Science

The study of living things is called what?

- A. Geology
- B. Astronomy
- C. Chemistry

ogy ✓ **Predicted answer**

Why this answer? Biology is the study of living things.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: branches of science recur in this post's syllabus.

Question 85 Everyday Science

Which is the nearest star to the Earth?

- A. Proxima Centauri
- B. The Sun ✓ **Predicted answer**
- C. Sirius
- D. Alpha Centauri

Why this answer? The Sun is the nearest star to the Earth.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: the solar system recurs in this post's syllabus.

Question 86 Everyday Science

Which part of a flower produces pollen?

- A. Stigma
- B. Ovary
- C. Anther ✓ **Predicted answer**
- D. Petal

Why this answer? The anther is the part of a flower that produces pollen.

Why predicted [C] — Syllabus anchor: syllabus anchor — Everyday Science: plants recur in this post's syllabus.

87 Computer Science

Which part of the computer is called its brain?

- A. Monitor
- B. Keyboard
- C. Hard disk
- D. CPU ✓ **Predicted answer**

Why this answer? The CPU is called the brain of the computer because it carries out all instructions.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: computer fundamentals recur in this post's syllabus.

Question 88 Computer Science

Which key is used to delete text to the right of the cursor?

- A. Delete ✓ **Predicted answer**
- B. Backspace
- C. Enter
- D. Shift

Why this answer? The Delete key removes text to the right of the cursor.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: keyboard basics recur in this post's syllabus.

Question 89 Computer Science

What does "USB" stand for?

- A. United Serial Bus
- B. Universal System Bus
- C. Universal Serial Bus ✓ **Predicted answer**

Why this answer? USB stands for Universal Serial Bus.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: computer hardware recurs in this post's syllabus.

Question 90 Computer Science

Which software is used to browse the internet?

- A. Word processor
- B. Spreadsheet
- C. Media player
- D. Web browser ✓ **Predicted answer**

Why this answer? A web browser is the software used to browse the internet.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: internet basics recur in this post's syllabus.

Question 91 Computer Science

What is the smallest unit of computer data?

- A. Bit ✓ **Predicted answer**
- B. Byte
- C. Kilobyte
- D. Megabyte

Why this answer? The bit is the smallest unit of computer data.

Why predicted [C] — Syllabus anchor: syllabus anchor — Computer Science: data units recur in this post's syllabus.

92 Sports

Who was the captain of Pakistan's women's cricket team in August 2024?

- A. Javeria Khan
- B. Nida Dar ✓ **Predicted answer**
- C. Bismah Maroof
- D. Kainat Imtiaz

Why this answer? Nida Dar was Pakistan's women's cricket team captain in August 2024.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q3 (verified item — correct answer: Nida Dar).

Question 93 Sports

How many times has Pakistan won the Olympic hockey title?

- A. Two
- B. Four
- C. Five
- D. Three ✓ **Predicted answer**

Why this answer? Pakistan became Olympic champion in hockey three times (1960, 1968 and 1984).

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q24 (verified item — correct answer: Three).

Question 94 Sports

How many players of a football team are on the field at one time?

- A. 11 ✓ **Predicted answer**
- B. 9
- C. 7

Why this answer? A football team has 11 players on the field at one time.

Why predicted [C] — Syllabus anchor: syllabus anchor — Sports: team games recur in this post's syllabus.

Question 95 Sports

After how many years is the ICC Cricket World Cup held?

- A. Two years
- B. Four years ✓ **Predicted answer**
- C. Three years
- D. Five years

Why this answer? The ICC Cricket World Cup is held every four years.

Why predicted [C] — Syllabus anchor: syllabus anchor — Sports: cricket world cups recur in this post's syllabus.

Question 96 Current Affairs

Who was the Democratic Party's candidate for President of the United States in the 2024 election?

- A. Elizabeth Warren
- B. Amy Klobuchar
- C. Kamala Harris ✓ **Predicted answer**
- D. Stacey Abrams

Why this answer? Kamala Harris was the Democratic Party's presidential candidate in the 2024 election.

Why predicted [B] — Verified fact, predicted to recur: PPSC-2024-BIO-MEDICAL-ENGINEER-21M2024-LABOUR-HR Q12 (verified item — correct answer: Kamala Harris).

97 Current Affairs

In which city is the headquarters of the United Nations?

- A. New York ✓ **Predicted answer**
- B. Geneva
- C. Paris
- D. London

Why this answer? The headquarters of the United Nations is in New York.

Why predicted [C] — Syllabus anchor: syllabus anchor — Current Affairs: international organisations recur in this post's syllabus.

Question 98 Current Affairs

Which country hosted the 2024 Summer Olympic Games?

- A. Japan
- B. France ✓ **Predicted answer**
- C. Brazil
- D. Australia

Why this answer? France hosted the 2024 Summer Olympic Games in Paris.

Why predicted [C] — Syllabus anchor: syllabus anchor — Current Affairs: the Olympic Games recur in this post's syllabus.

Question 99 Geography

What is the capital of Turkey?

- A. Istanbul
- B. Izmir
- C. Ankara ✓ **Predicted answer**
- D. Bursa

swer: Ankara is the capital of Turkey.

Why predicted [C] — Syllabus anchor: syllabus anchor — Geography: world capitals recur in this post's syllabus.

Question 100 Geography

Through which city does the river Thames flow?

- A. Paris
- B. Berlin
- C. Rome
- D. London ✓ **Predicted answer**

Why this answer? The river Thames flows through London.

Why predicted [C] — Syllabus anchor: syllabus anchor — Geography: world rivers recur in this post's syllabus.

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