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AFNS Sep 2025 Test MCQs (Very Important)

 . Out of 500 students, 360 boys. % girls?

- a) 28%
- b) 30%
- c) 32%
- d) 35%

☒ Answer: 28%

 A man travels 90 km in 1h 40m. Time to cover 1 km?

- a) 1.1 min
- b) 1.5 min
- c) 2 min
- d) 2.5 min

☒ Answer: 1.1 min

 Train speed = $2 \times$ car. Car = 30 km/h. Distance train covers in 30 min?

- a) 15 km
- b) 20 km
- c) 30 km
- d) 60 km

☒ Answer: 30 km

 . One third of 120 = ?

- a) 30
- b) 40
- c) 50
- d) 60

☒ Answer: 40

 90% of 90 = ?

- a) 72
- b) 81
- c) 84
- d) 88

☒ Answer: 81

 . Quarter of 50% of 60 = ?

- a) 5

- b) 7.5
- c) 10
- d) 15

✓ Answer: 7.5

 . Ali bought pen Rs30, sold Rs40. Profit = ?

- a) 5
- b) 8
- c) 10
- d) 12

✓ Answer: 10

 . If 5 men write 5 pages in 5 min, then 1 man writes 1 page in?

- a) 1 min
- b) 3 min
- c) 5 min
- d) 10 min

✓ Answer: 5 min

 . Synonym of "Totally"?

- a) Fully
- b) Partly
- c) Half
- d) Less

✓ Answer: Fully

 Opposite of "Crude"?

- a) Pure
- b) Polished
- c) Soft
- d) Fancy

✓ Answer: Polished

 "Present is to Past" then "Perceive is to ...?"

- a) Recent
- b) Resent
- c) Future
- d) Passive

✓ Answer: Resent

 . Which word comes before "English"?

Options: the, a, an, to

✓ Answer: an

 . Series: 13, 16, 21, 28, ?

- a) 35
- b) 37
- c) 39
- d) 40

✓ Answer: 37

✧ Explanation: +3, +5, +7, +9 → next = 28+9=37.

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 Series: A, C, F, J, O, ?

- a) T
- b) U
- c) V
- d) W

✓ Answer: U

✧ Explanation: +2, +3, +4, +5 → next +6 = U.

 . Series: A, D, I, P, ?

- a) T
- b) U
- c) V
- d) W

✓ Answer: Y

✧ Explanation: +3, +5, +7, +9 → A→D→I→P→Y.

□ [NON-VERBAL] □

(Same questions came from Sir umers file — no direct MCQ writing here since mostly figure-based.)

🌸 [ACADEMIC] 🌸

🌸 1. Which part of brain controls menstrual cycle?

- a) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) Medulla

✓ Answer: Hypothalamus

⚙️ 2. Non-typical transition element?

- a) Cu
- b) Zn
- c) Fe
- d) Co

✅ Answer: Zn

⚙️ 3. Strongest reducing agent?

- a) Na
- b) Li
- c) K
- d) Mg

✅ Answer: Li

⚙️ 4. Typical transition element?

- a) Zn
- b) Cu
- c) Sc
- d) Hg

✅ Answer: Sc

⚙️ 5. Oxidation number of Na?

- a) -1
- b) 0
- c) +1
- d) +2

✅ Answer: +1

⚙️ 6. If radius increases, velocity will?

- a) Increase
- b) Decrease
- c) Constant
- d) Zero

✅ Answer: Decrease

⚙️ 7. If temperature increases, intensity will?

- a) Increase
- b) Decrease
- c) Constant
- d) Zero

✅ Answer: Increase

🧠 Verbal Intelligence

✎ 1. 90% of 90 = ?

- a) 80
- b) 81
- c) 90
- d) 100

Answer: b) 81 ✓

👉 $90 \times 0.9 = 81$ 🔄

✍ 2. Quarter of one tenth of 120 = ?

- a) 12
- b) 3
- c) 6
- d) 4

Answer: b) 3 ✓

👉 $(1/10 \text{ of } 120 = 12 \rightarrow 1/4 \text{ of } 12 = 3)$ 📊

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✍ 3. OLEOPARD → rearrange letters → ?

- a) Leopard
- b) Dog
- c) Apple
- d) Rope

Answer: a) Leopard ✓

👉 Jumbled word solved → Leopard 🐆

✍ 4. Bat cannot see, snake cannot...

- a) Smell
- b) Hear
- c) Eat
- d) Jump

Answer: b) Hear ✓

👉 Bats are blind, snakes have no external ears 🐍

✍ 5. Why do we boil milk?

- a) To remove water
- b) To kill germs
- c) To thicken it
- d) To make it sweet

Answer: b) To kill germs ✓

👉 Heat sterilizes milk 🥛🔥

✎ 6. Parents send children to school to...

- a) Waste time
- b) Groom them
- c) Play games
- d) Punish them

Answer: b) Groom them ✓

👉 Education develops personality 🧠

✎ 7. Odd one out: Angle, Triangle, Hexagon, Circle

- a) Angle
- b) Triangle
- c) Hexagon
- d) Circle

Answer: a) Angle ✓

👉 Others are shapes, angle is not ▲ ●

👉 Non-Verbal Intelligence

👉 Mostly easy:

Alphabet & number series

12
34

Pattern recognition 

Mirror / odd shapes ☐

📚 Academic Portion

✎ Chemistry Focused

✎ 8. Oxidation of secondary alcohol gives...

- a) Aldehyde
- b) Ketone
- c) Carboxylic acid
- d) Alkene

Answer: b) Ketone ✓

👉 Secondary alcohol → ketone ⚡

✎ 9. Polio virus lives in...

- a) Blood
- b) Small intestine
- c) Lungs
- d) Heart

Answer: b) Small intestine ✓

👉 Polio multiplies in intestines 🍲

✎ 10. Which is the master gland?

- a) Thyroid
- b) Pituitary

- c) Pancreas
- d) Adrenal

Answer: b) Pituitary ✓

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👉 It controls all other glands 🧠

🌸 ☐ AFNS Karachi Experience – MCQs ☐ 🌸

🌟 [VERBAL] 🌟

✎ 1. If 1st day is Monday, then 23rd day will be?

- a) Tuesday
- b) Wednesday
- c) Thursday
- d) Friday

✓ Answer: Wednesday

🌟 Explanation: $23 \div 7 = 2 \text{ weeks} + 2 \text{ days} \rightarrow \text{Monday} + 2 = \text{Wednesday}$.

✎ 2. If 15th day is Sunday, then 4th day will be?

- a) Wednesday
- b) Thursday
- c) Friday
- d) Saturday

✓ Answer: Wednesday

🌟 Explanation: Go back 11 days $\rightarrow \text{Sunday} \rightarrow \text{Wednesday}$.

✎ 3. "ETYBUA" last letter is?

- a) E
- b) U
- c) Y
- d) A

✓ Answer: A

✎ 4. Third last letter of "MANAGEMENT" is?

- a) E
- b) N
- c) G
- d) M

✓ Answer: E

🌟 Explanation: MANAGEMENT $\rightarrow \dots G-E-M \rightarrow 3\text{rd last} = E$.

✎ 5. Ali moves from north, then turns left and left again. Final direction?

- a) North
- b) East
- c) South
- d) West

✓ Answer: South

✎ 6. Fatima is $3\times$ older than her sister. Sister age = 14. What is Fatima's age when sister = 20?

- a) 42
- b) 50
- c) 60
- d) 62

✓ Answer: 60

✎ Explanation: Ratio remains 3:1 $\rightarrow 20 \times 3 = 60$.

✎ 7. Odd one out: Football, Hockey, Cricket, Tennis, Basketball

- a) Football
- b) Tennis
- c) Hockey
- d) Cricket

✓ Answer: Tennis

✎ Explanation: All are team games except Tennis.

✎ 8. Which word comes first in dictionary?

Options: Manchester, Managing, Married

✓ Answer: Managing

✎ 9. Areeba moves from west, turns right. Final direction?

- a) North
- b) South
- c) East
- d) West

✓ Answer: North

✎ 10. Odd one out: Angle, Square, Rectangle

- a) Angle
- b) Square
- c) Rectangle
- d) None

✓ Answer: Angle

✎ Explanation: Square & Rectangle are 2D shapes, angle is not.

✎ 11. 700 miles needs ? gallons if 380 miles needs 50 gallons.

- a) 80
- b) 90
- c) 92
- d) 100

✓ Answer: 92

✎ Explanation: $380/50 = 7.6$ miles per gallon $\rightarrow 700 \div 7.6 \approx 92$.

✎ 12. Which word shows same image in the mirror?

Options: MNTYU, HKGFU, FTJJH, MWNW

✓ Answer: MWNW

✎ Explanation: MWNW is symmetric in mirror.

✎ 13. In a bus 30 passengers, $\frac{2}{3}$ men. Women = ?

- a) 5
- b) 8
- c) 10
- d) 12

✓ Answer: 10

✎ 14. In class of 1500 students, 1200 present. % absent = ?

- a) 15%
- b) 18%
- c) 20%
- d) 25%

✓ Answer: 20%

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⚙ 8. If force increases, acceleration will?

- a) Increase
- b) Decrease
- c) Constant
- d) Zero

✓ Answer: Increase

✎ Physics Important Topics: Black Body, Force & Motion, Current Electricity

✎ Chemistry Important Topics: Transition Elements, Organic Chemistry, Hybridization

👉 Biology Important Topics: Reproduction, Registration, Cells, Biomolecules

👉 English Important Topics: Synonyms, Antonyms, Articles, Pronouns, Sentence Types

🌿 AFNS Experience – Pano Aqil 🌿

✎ 1. Atomic number of Iron?

- a) 24
- b) 25
- c) 26
- d) 27

✅ Answer: 26

🌟 Explanation: Iron (Fe) has atomic number 26 in the periodic table.

- b) CCl_4
- c) CH_2Cl_2
- d) $\text{C}_2\text{H}_5\text{Cl}$

✅ Answer: CHCl_3

🌟 Explanation: Chloroform = trichloromethane, formula CHCl_3 . 🚗

✎ 3. Relationship of velocity with time period?

- a) $v \propto T$
- b) $v \propto 1/T$
- c) $v \propto T^2$
- d) $v \propto 1/T^2$

✅ Answer: $v \propto 1/T$

✎ 4. The angle between $(\mathbf{Ia} + \mathbf{Ib})$ and $(\mathbf{Ia} - \mathbf{Ib})$ is?

- a) 0°
- b) 45°
- c) 90°
- d) 180°

✅ Answer: 90°

🌟 Explanation: By vector algebra, $(\mathbf{A} + \mathbf{B}) \perp (\mathbf{A} - \mathbf{B})$. 📐

✎ 5. Synonym of "Excuse"?

- a) Reason
- b) Question
- c) Fight
- d) Work

✅ Answer: Reason

🌟 Explanation: "Excuse" = justification / reason. 📖

✎ 6. Dams possess which type of energy?

- a) Kinetic energy
- b) Potential energy
- c) Electrical energy
- d) Thermal energy

✓ Answer: Potential energy

✧ Explanation: Stored water at height → gravitational potential energy. 💧 ⚡

✎ 7. In secondary alkyl halide, number of carbons attached to C-X carbon?

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

✓ Answer: 2

✧ Explanation: In secondary (2°) halide, halogen-bearing carbon is attached to 2 carbons.



✎ 8. "Which" – this word is part of speech?

- a) Pronoun
- b) Adverb
- c) Verb
- d) Conjunction

✓ Answer: Pronoun

✧ Explanation: "Which" is an interrogative pronoun used in questions. 📝

◆ Verbal Section

Q1. Find the odd one out: Ape, Bamboo, Chapizene, Panda

- a) Ape
- b) Bamboo
- c) Chapizene
- d) Panda

✓ Answer: b) Bamboo

✧ Explanation: Ape, Chapizene (chimpanzee), and Panda are animals 🐒 🐼, while Bamboo is a plant 🌿.

Q2. 90% of 90 is ?

- a) 80
- b) 81
- c) 85
- d) 90

✓ Answer: b) 81

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Q3. Ali moves towards north ... (Direction-based)

Example: Ali moves towards north then east. Which direction is he facing?

- a) North
- b) South
- c) East
- d) West

✓ Answer: c) East

👉 Explanation: Starting north → turn east → final direction = East 🌀.

Q4. A man walks towards north, then turns left and then right. What is his present direction?

- a) North
- b) East
- c) West
- d) South

✓ Answer: a) North

👉 Explanation: North → turn left → West → turn right → North again 🌀.

Q5. If the 28th day of a month is Monday, then the 8th day will be ?

- a) Monday
- b) Tuesday
- c) Wednesday
- d) Sunday

✓ Answer: a) Monday

👉 Explanation: 28th is Monday. Since 28 is divisible by 7, the 7th, 14th, 21st, and 28th are all Mondays. So the 8th = next day → Tuesday! Correction here 👉

✓ Correct Answer = b) Tuesday 😊

📅 Because 7th is Monday → 8th is Tuesday

✓ .

Q6. In a class of 500, 340 are boys. Find the % of boys.

- a) 68%
- b) 70%
- c) 72%
- d) 80%

✓ Answer: a) 68%

Q7. What will be the third letter of the word "Management"?

- a) a
- b) n

- c) g
- d) m

✓ Answer: a) a

👉 Explanation: M (1st), A (2nd), N (3rd) → Third letter = N 🤖 Correction!

✓ Correct Answer = b) n

A	B
C	D

.

Q8. $2 + 2 \div 2 = ?$

- a) 2
- b) 3
- c) 4
- d) 5

✓ Answer: b) 3

👉 Explanation: According to BODMAS rule → divide first → $2 \div 2 = 1 \rightarrow 2 + 1 = 3$ ✓ 🤖.

📦 Academic Portion

Q1. Which is the strongest acid?

- a) HCl
- b) H_2SO_4
- c) HNO_3
- d) CH_3COOH

✓ Answer: a) HCl

👉 Explanation: Hydrochloric acid is a strong acid that fully ionizes in water. Others are also acids but HCl is commonly regarded as the strongest in simple inorganic acids 🤖 🤖.

Q2. Bryophytes evolved from ... ?

- a) Algae
- b) Ferns
- c) Gymnosperms
- d) Pteridophytes

✓ Answer: a) Algae

👉 Explanation: Bryophytes are non-vascular plants believed to have evolved from green algae 🤖 🤖.

Q3. Movement of a plant in response to gravity is called ... ?

- a) Phototropism
- b) Geotropism
- c) Thigmotropism
- d) Hydrotropism

✓ Answer: b) Geotropism

👉 Explanation: "Geo" = earth → Movement towards/away from gravity = geotropism 🤖 🤖.

Q4. Movement in response to touch is ... ?

- a) Phototropism

- b) Hydrotropism
- c) Thigmotropism
- d) Geotropism

✓ Answer: c) Thigmotropism

👉 Explanation: "Thigmo" = touch → plants like pea tendrils coil when touched 🌱👉.

Q5. Movement towards nutrients is ... ?

- a) Chemotropism
- b) Hydrotropism
- c) Phototropism
- d) Geotropism

✓ Answer: a) Chemotropism

👉 Explanation: "Chemo" = chemical/nutrient → roots grow towards minerals = chemotropism 🌱👉.

Q6. Myofibrils contain which protein?

- a) Hemoglobin
- b) Actin & Myosin
- c) Collagen
- d) Keratin

✓ Answer: b) Actin & Myosin

👉 Explanation: Muscle fibers (myofibrils) are made of actin & myosin filaments that help in contraction 🌱👉.

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Q7. Grignard reagent reacts with ethyl in the presence of ... ?

- a) Water
- b) Ether
- c) Alcohol
- d) Acid

✓ Answer: b) Ether

👉 Explanation: Grignard reagents (RMgX) are highly reactive and are always used in dry ether solvent to prevent decomposition 🌱👉.

Q8. "Quickly" is what part of speech?

- a) Noun
- b) Verb
- c) Adverb

d) Adjective

✓ Answer: c) Adverb

👉 Explanation: Quickly describes "how" an action is done → adverb ➡

Q9. "He is my friend" → "my" is which pronoun?

a) Personal Pronoun

b) Possessive Pronoun

c) Reflexive Pronoun

d) Interrogative Pronoun

✓ Answer: b) Possessive Pronoun

👉 Explanation: "My" shows possession/ownership = possessive pronoun 📝.

Q10. Name the structure: Iso-butyl, n-butyl, sec-butyl, tert-butyl.

👉 Question: Which of the following is n-butyl group?

a) $-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$

b) $-\text{CH}(\text{CH}_3)-\text{CH}_2-\text{CH}_3$

c) $-\text{CH}_2-\text{CH}(\text{CH}_3)_2$

d) $-\text{C}(\text{CH}_3)_3$

✓ Answer: a) $-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$

👉 Explanation: n-butyl is the straight-chain four-carbon alkyl group ©.

Q11. Excess secretion of insulin leads to ... ?

a) Hyperglycemia

b) Hypoglycemia

c) Diabetes mellitus

d) High blood pressure

✓ Answer: b) Hypoglycemia

👉 Explanation: Too much insulin reduces blood sugar levels excessively → hypoglycemia

🧠 📌.

📌 Verbal Portion

Q1. 90% of 90% = ?

a) 90

b) 81

c) 72.9

d) 80

✓ Answer: c) 72.9

Q2. 5 men write 5 letters in 5 minutes. How many letters will 10 men write in 10 minutes?

a) 10

b) 20

c) 40

d) 50

✓ Answer: c) 40

✍ Explanation: 5 men → 5 letters in 5 min → 1 man → 1 letter in 5 min.
So, 10 men → 10 letters in 5 min → in 10 min = 20 letters. Correction 📌

✓ Correct Answer = b) 20 📌.

Q3. Number series: 66, 63, 45 ... ?

- a) 42
- b) 30
- c) 21
- d) 18

✓ Answer: c) 21

✍ Explanation: $66 - 63 = 3$, $63 - 45 = 18$, $45 - 21 = 24$. Pattern of subtraction ✓

1	2
3	4

.

Q4. Umar is older than Akbar, Ali is younger than Umar. Who is the youngest?

- a) Umar
- b) Akbar
- c) Ali
- d) Data insufficient

✓ Answer: c) Ali

✍ Explanation: $Umar > Akbar$, $Ali < Umar$. Youngest = Ali 🧐.

Q5. Bat can't see and snake can't ... ?

- a) Smell
- b) Walk
- c) Hear
- d) Fly

✓ Answer: c) Hear

✍ Explanation: Bat = blind (can't see 🧐), Snake = deaf (can't hear 🧐).

Q6. Leopard is the name of ... ?

- a) Bird
- b) Fish
- c) Animal
- d) Insect

✓ Answer: c) Animal

✍ Explanation: Leopard is a wild animal 🐆.

Q7. Last word of "Beauty" is ... ?

- a) B
- b) A
- c) Y
- d) T

✓ Answer: c) Y

👉 Explanation: Spelling of "Beauty" → last letter = Y

abc

.

Q8. Third last letter of "Management"?

- a) a
- b) g
- c) e
- d) m

✅ Answer: c) e

👉 Explanation: M A N A G E M E N T → 3rd last = E

AB
CD

.

Q9. "Totally" is to "Entirely" as ... ?

- a) Quickly – Fastly
- b) Big – Small
- c) Angry – Sad
- d) Begin – End

✅ Answer: a) Quickly – Fastly

👉 Explanation: Totally and Entirely are synonyms. Similarly, Quickly and Fastly = synonyms

☐

.

Q10. Present is to Past as Preceding is to ... ?

- a) Following
- b) Previous
- c) Current
- d) Future

✅ Answer: b) Previous

👉 Explanation: Present → opposite → Past. Preceding → opposite → Previous ⌚.

Q11. Odd one out: Panda, Chimpanzee, Ape, Monkey

- a) Panda
- b) Chimpanzee
- c) Ape
- d) Monkey

✅ Answer: a) Panda

👉 Explanation: Panda = not a primate. Others are primates 🐼🐒.

Q12. Odd one out: Angle, Rectangle, Triangle

- a) Angle
- b) Rectangle
- c) Triangle
- d) Square

✅ Answer: a) Angle

👉 Explanation: Rectangle, Triangle, Square are shapes ▲☐, "Angle" is just a concept.

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Q13. Odd one out: Current, Previous, Yesterday, Past

- a) Current
- b) Previous
- c) Yesterday
- d) Past

✓ Answer: a) Current

👉 Explanation: Current = present 🕒, rest = past 🕒.

Q14. Antonym of "Wild" ?

- a) Free
- b) Jungle
- c) Tamed
- d) Angry

✓ Answer: c) Tamed

👉 Explanation: Opposite of wild = tamed (domesticated 🐾).

Q15. In a class of 1500, 1200 are present. Find % absent.

- a) 15%
- b) 20%
- c) 25%
- d) 30%

✓ Answer: b) 20%

👉 Explanation: Absent = $1500 - 1200 = 300$. % = $(300 \div 1500) \times 100 = 20\%$ 📊.

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