

General Awareness

Q.1 The Sepoy Mutiny in India started from _____.

- (A) Meerut (B) Rajkot
(C) Bareilly (D) Champaran

Ans(A)

Q.2 Which of the following stars is nearest to the sun?

- (A) Sirius (B) Proxima Centauri
(C) Deneb (D) Betelgeuse

Ans(B)

Q.3 Vijay Hazare was a famous Indian player associated with the sport of _____.

- (A) Boxing (B) Football
(C) Rifle Shooting (D) Cricket

Ans(D)

Q.4 Marfati' songs are traditional folk songs of _____.

- (A) Afghanistan (B) Nepal
(C) Pakistan (D) Bangladesh

Ans(D)

Q.5 The demand for a commodity or service which is a consequence of the demand for something else is called _____.

- (A) Direct Demand (B) Composite Demand
(C) Derived Demand (D) Income Demand

Ans(C)

Q (6). Which Scientist discovered the 'Penicillin'?

- (A) Alexander Fleming (B) Louis Pasteur
(C) Ernst Chain (D) Robert Koch

Ans(A)

Q 7. Name the national bird of Bhutan.

- (A) Parrot (B) Magpai
(C) Peacock (D) Raven

Ans(D)

Q 8. In India, 24th January is observed as which one of the following days?

- (A) National Farmer's Day
(B) National Day of Elderly
(C) National Girl Child Day
(D) National Agricultural Day

Ans(C)

Q 9. Who was the Indian Army chief at the time of Bangladesh Liberation War?

- (A) Sam Manekshaw (B) K M Cariappa
(C) Rob Lockhart (D) Roy Bucher

Ans(A)

Q 10. Who among the following wrote the book 'A History of the Sikhs'?

- (A) Khushwant Singh (B) Bhai Vir Singh
(C) Gurbachan Singh Talib (D) Amrita Pritam

Ans(A)

Q 11. Which of the following authors received the Jnanpith Award in 2018?

- (A) Kiran Desai (B) Vikram Seth
(C) Amitav Ghosh (D) Arundhati Roy

Ans(C)

Q 12. The energy derived from the Heat of Earth is called_____.

- (A) Solar Energy (B) Geothermal Energy
(C) Biogas (D) Tidal Energy

Ans(B)

Q 13. Who among the following was named as the Chief Executive Officer of (ICC) in January 2019?

- (A) N G Khaitan (B) Anurag Thakur
(C) Manu Sawhney (D) Saurav Ganguly

Ans (C)

Q 14. The summer solstice 2019 in the Northern Hemisphere will occur on_____.

- (A) 20th June (B) 24th June
(C) 26th June (D) 21st June

Ans(D)

Q 15. Which of the following creatures is oviparous?

- (A) Frog (B) Squirrel
(C) Rabbit (D) Mouse

Ans(A)

Q 16. What is the term of the elected representatives of a Gram Panchayat?

- (A) 2 years (B) 5 years
(C) 4 years (D) 3 years

Ans(B)

Q 17. Which of the following is the smallest bird in the world?

- (A) Finch
(B) Robin
(C) Bee Hummingbird
(D) Diamond Firetail

Ans(C)

Q 18. The term 'Cherry Picking' is used in which sport?

- (a) Basketball
- (b) Table Tennis
- (c) Cricket
- (D) Swimming

Ans(A)

Q 19. Which article of the constitution of India talks about the provisions for impeachment of the President of India?

- (A) Article 51
- (B) Article 63
- (C) Article 54
- (D) Article 61

Ans(D)

Q 20 In which year was the East India Company incorporated for the exploitation of trade with East and Southeast Asia and India?

- (A) 1596
- (B) 1605
- (C) 1600
- (D) 1612

Ans(C)

Q 21. Which of the following acids is present in ant bites?

- (A) Nitric Acid
- (B) Formic Acid
- (C) Perchloric Acid
- (D) Malic Acid

Ans(B)

Q.22 Jorwe culture' was a Chalcolithic archaeological site located in the present day Indian state of _____.

- (A) Maharashtra
- (B) Gujarat
- (C) Bihar
- (D) Assam

Ans(A)

Q.23 Fertile riverine alluvial soil is best suited for producing _____.

- (A) tea
- (B) rice
- (C) cotton
- (D) Corn

Ans(B)

Q.24 Which economist gave the theory of Opportunity Cost?

- (A) John Keynes
- (B) Milton Friedman
- (C) Adam Smith
- (D) Gottfried Haberler

Ans(D)

Q.25 Identify the foreigner who has been conferred the second highest civilian award in India, Padma Vibhushan for 'exceptional and distinguished service' in 2019.

- (A) Ismail Omar Guelleh
- (B) Kader Khan
- (C) Pravin Gordhan
- (D) John Chambers

Ans(A)

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General English

Q.1 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. But they faced grave danger if they tried to criticize these decisions.
- B. The nationalists now began to openly criticize the policies of the British.
- C. The freedom movement changed this situation.
- D. Under colonial rule, the people had lived in fear of the British government and did not agree with many of the decisions that they took.

- 1. DACB
- 2. CBAD
- 3. BADC
- 4. DBAC

Correct Answer : DACB

Q.2 Select the correctly spelt word.

- 1. tuttion
- 2. tuetion
- 3. tuition
- 4. tution

Correct Answer : tuition

Q.3 Select the word which means the same as the group of words given.

One who is a great lover of books

- 1. pedophile
- 2. xenophile
- 3. bibliophile
- 4. hemophile

Correct Answer : bibliophile

Q.4 Select the most appropriate synonym of the given word.

DEFER

- 1. dread
- 2. dictate
- 3. delay
- 4. despair

Correct Answer : delay

Q.5 Select the correct passive form of the given sentence.

The sailors had never encountered such a rough sea.

- 1. Such a rough sea was never encountered by the sailors.
- 2. Such a rough sea has never been encountered by the sailors.
- 3. Such a rough sea is never encountered by the sailors.
- 4. Such a rough sea had never been encountered by the sailors.

Correct Answer : Such a rough sea had never been encountered by the sailors.

Q.6 Given below are four jumbled sentences. Select the option that gives their correct order.

- A. The brain is active too during sleep, sending messages for the heart to beat regularly.
- B. However, the body utilizes the sleeping time effectively.
- C. We spend about one third of our time sleeping.
- D. It produces energy and releases hormones for repair and growth during the night.

- 1. CABD
- 2. ABDC
- 3. CBDA
- 4. BADC

Correct Answer : CBDA

Q.7 Select the most appropriate option to fill in the blank.

The committee reached _____ decision regarding the appointment of the chairman.

- 1. a unanimous
- 2. a compatible
- 3. an exemplary
- 4. an agreeable

Correct Answer : a unanimous

Q.8 Select the correct active form of the given sentence.

We will all be greatly benefitted by this scheme.

- 1. This scheme is going to greatly benefit us all.
- 2. This scheme has greatly benefitted us all.
- 3. This scheme will greatly benefit us all.
- 4. This scheme would greatly benefit we all.

Correct Answer : This scheme will greatly benefit us all.

Q.9 In the sentence identify the segment which contains the grammatical error.

There isn't many rice left in the house so we must replenish our stock soon.

- 1. There isn't many rice
- 2. left in the house
- 3. our stock soon
- 4. so we must replenish

Correct Answer : There isn't many rice

Q.10 Select the most appropriate meaning of the underlined idiom in the given sentence.

Due to increased number of lay offs in the industry, the sword of Damocles is always hanging over the employees.

- 1. a constant threat
- 2. strict rules and regulations
- 3. threat of physical harm
- 4. an ill omen of death

Correct Answer : a constant threat

Q.11 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Knowing the particular things that motivate each person help you add power to their motivation.

1. help you to add power
2. help you adding power
3. No improvement
4. helps you add power

Correct Answer : helps you add power

Q.12 Select the most appropriate synonym of the given word.

PERPLEX

1. deceive
2. bewilder
3. surprise
4. complex

Correct Answer : bewilder

Q.13 In the sentence identify the segment which contains the grammatical error.

Ten kilometres are a long distance to cover on foot for a child.

1. Ten kilometres are
2. to cover on foot
3. for a child
4. a long distance

Correct Answer : Ten kilometres are

Q.14 Select the most appropriate antonym of the given word.

MEAGRE

1. premium
2. plentiful
3. scanty
4. inadequate

Correct Answer : plentiful

Q.15 Select the correctly spelt word.

1. privilege
2. peivailege
3. previledge
4. previllage

Correct Answer : privilege

Q.16 Select the most appropriate meaning of the underlined idiom in the given sentence.

True friends stay by our side through thick and thin.

1. under all circumstances
2. in difficult times
3. in different weathers

4. in happy moments

Correct Answer : under all circumstances

Q.17 Select the most appropriate antonym of the given word.

ARROGANCE

1. sweetness
2. humility
3. superiority
4. vanity

Correct Answer : humility

Q.18 Select the word which means the same as the group of words given.

A fictitious name used by an author

1. pseudonym
2. homonym
3. alibi
4. anonymous

Correct Answer : pseudonym

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Leaving his car with the valet, he (1)_____ the hotel and joined the large crowd milling (2)_____ He found a badge waiting for him (3)_____ the receptionist's table and took his (4)_____ in the rear of the hall. When the place was (5)_____ the moderator welcomed the crowd.

Q.19 Select the most appropriate option to fill in blank No.1.

1. entered
2. accessed
3. admitted
4. invaded

Correct Answer : entered

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Leaving his car with the valet, he (1)_____ the hotel and joined the large crowd milling (2)_____ He found a badge waiting for him (3)_____ the receptionist's table and took his (4)_____ in the rear of the hall. When the place was (5)_____ the moderator welcomed the crowd.

Q.20 Select the most appropriate option to fill in blank No.2.

1. aside
2. about
3. out
4. into

Correct Answer : about

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Leaving his car with the valet, he (1)_____ the hotel and joined the large crowd milling (2)_____. He found a badge waiting for him (3)_____ the receptionist's table and took his (4)_____ in the rear of the hall. When the place was (5)_____ the moderator welcomed the crowd.

Q.21 Select the most appropriate option to fill in blank No.3.

1. by
2. at
3. in
4. over

Correct Answer : at

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Leaving his car with the valet, he (1)_____ the hotel and joined the large crowd milling (2)_____. He found a badge waiting for him (3)_____ the receptionist's table and took his (4)_____ in the rear of the hall. When the place was (5)_____ the moderator welcomed the crowd.

Q.22 Select the most appropriate option to fill in blank No.4.

1. stand
2. couch
3. seat
4. lounge

Correct Answer : seat

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Leaving his car with the valet, he (1)_____ the hotel and joined the large crowd milling (2)_____. He found a badge waiting for him (3)_____ the receptionist's table and took his (4)_____ in the rear of the hall. When the place was (5)_____ the moderator welcomed the crowd.

Q.23 Select the most appropriate option to fill in blank No.5.

1. empty
2. stuffed
3. completed
4. filled

Correct Answer : filled

Q.24 Select the most appropriate option to fill in the blank.

She got a lucrative job of a translator because she was _____ in French.

1. deficient
2. proficient
3. efficient
4. sufficient

Correct Answer : proficient

Q.25 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement.

Your coming home to dinner on time should be a rule rather the exception.

1. No improvement
2. shall be a rule rather than a exception
3. should be the rule rather than the exception
4. should be a rule rather being the exception

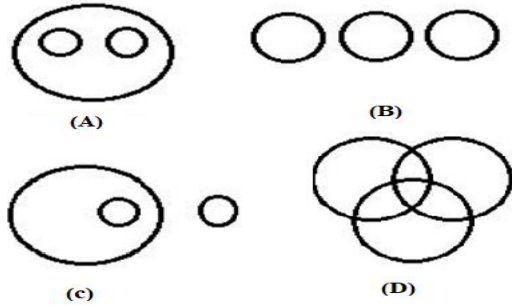
Correct Answer : should be the rule rather than the exception

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Reasoning

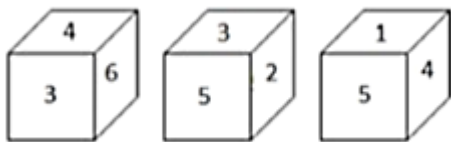
Q 1. Choose the Venn Diagram from the given options which best represent the relationship amongst the following classes.

Wheat, Mustard, Cabbage



Ans(B)

Q 2. Three different positions of a dice are shown below. Which number appears on the face opposite the number 6?



- (A) 4 (B) 2
(C) 1 (D) 5

Ans(D)

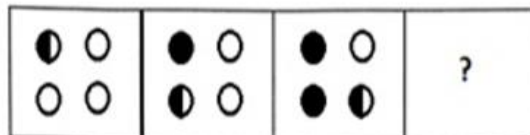
Q 3. Select the term that will come next in the following series.

OBE, PDH, QFK, RHN, ?

- (A) RJQ (B) SJQ
(C) SJP (D) SKQ

Ans(B)

Q 4. Select the figure that will come next in the following figure series.



- (A) (B) (C) (D)

Ans(B)

Q 5. Arrange the following words in a logical and meaningful order.

(1) Write

(2) Publish

(3) Author

(4) Reader

(5) Sale

(A) 3, 2, 1, 5, 4

(B) 4, 3, 1, 2, 5

(C) 1, 3, 2, 5, 4

(D) 3, 1, 2, 5, 4

Ans(D)

Q 6. At a party, the number of girls is half the number of boys. After an hour, five boys leave the party and three girls join the party. How many people were present at the party an hour before?

(A) 8

(B) 24

(C) 22

(D) 16

Ans(B)

Q 7. Select the word pair in which the two words are related in the same way as the two words in the following word-pair.

Brass: Copper

(A) Solder: Tin

(B) Nickle : Iron

(C) Chromium : Silver

(D) Bronze : Gold

Ans(A)

Q 8. In a code language, NEEDLE is written as MFDEKF. How will HAMMER be written in the same language?

(A) GALNDS

(B) GBLNFT

(C) IBLNDS

(D) GBLNDS

Ans(D)

Q 9. Three of the following four letter-Clusters are alike in a certain way and one is different. Pick the odd one out.

(A) NOR

(B) KLJ

(C) FGE

(D) YZX

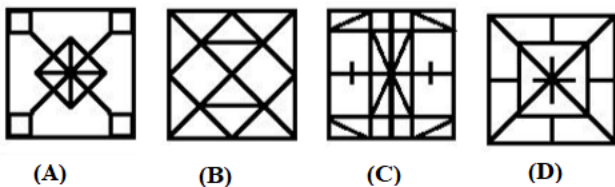
Ans(A)

Q 10. Priyank is Akshya's brother. Sonia is Saksham's sister. Akshay is Sonia's son. How is Priyank is related to Sonia?

- (A) Son (B) Nephew
(C) Father (D) Brother

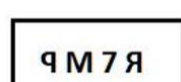
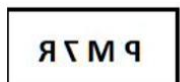
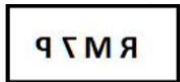
Ans(a)

Q 11. Select the figure in which the given figure is embedded.



Ans(C)

Q12. Select the correct mirror image of the given figure when the mirror is placed to the right of the figure



Ans(B)

Q 13. Select the terms that will replace the ? in the following series.

Z, X, V, ?, R, P, ?

- (A) S, O (B) T, O
(C) T, N (D) S, N

Ans(C)

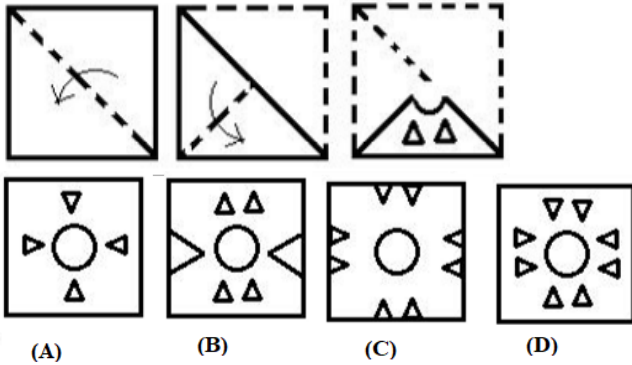
Q 14. Select the term that will come next in the following series.

57, 62, 31, 36, 18

- (A) 34 (B) 23
(C) 36 (D) 19

Ans(B)

Q 15. A square paper is folded and cut as shown below. How will it appear when unfolded?



Ans(D)

Q 16. Find the missing number from the below options.

17 22 37

23 28 43

16 ? 36

(A) 32

(B) 21

(C) 12

(D) 34

Ans(B)

Q 17. Three of the following four words are alike in a certain way and one is different. Pick the odd word out.

(A) Radium

(B) Uranium

(C) Thorium

(D) Sodium

Ans (D)

Q 18. Three of the following four number-pair are alike in a certain way and one is different. Pick the odd one out.

(A) 17-37

(B) 65-101

(C) 49-82

(D) 26-50

Ans(C)

Q 19. Find the missing number from the below options.

4 3 19

6 4 40

9 9 ?

(A) 72

(B) 90

(C) 80

(D) 100

Ans(B)

Q 20. Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All teachers are painters.

Some painters are rich

Conclusions:

I. All painters are teachers.

II. Some rich are not painters.

- (A) Only conclusion II follows
(B) Either conclusion I or II follows
(C) Neither Conclusion I nor II follows
(D) Only Conclusion I follows

Ans(C)

Q 21. IF AU=21 and EGG=245, then How will you code BAKE?

- (A) 155 (B) 110
(C) 19 (D) 75

Ans(B)

Q 22. Select the option that is related to the third number in the same way as the second number is related to the first number.

2139 : 3246:: 4262 :?

- (A) 2471 (B) 1461
(C) 2371 (D) 2483

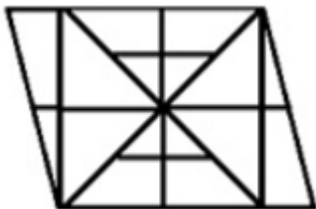
Ans(A)

Q 23. 'Cheerful' is related to 'Sad' in the same way as 'Generous' is related to ____.

- (A) Selfish (B) Kind
(C) Gloomy (D) Intelligent

Ans(A)

Q 24. How many triangles are there in the following figure?



- (A) 32 (B) 30
(C) 16 (D) 22

Ans(B)

Q 25. Which two signs should be interchanged in the following equation to mark it correct?

$$24 \div 8 - 5 \times 5 + 3 = 13$$

- (A) \times and $-$

(B) \div and \times

(C) \times and $+$

(D) \div and $+$

Ans(C)

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Aptitude

Q 1. If $\tan 4\theta = \cot (2\theta + 30^\circ)$, then θ is equal to:

- (A) 20° (B) 25°
(C) 10° (D) 15°

Ans(C)

Q 2. If $\sqrt{x} + \frac{1}{\sqrt{x}} = \sqrt{6}$, then $x^2 + \frac{1}{x^2}$ is equal to:

- (A) 62 (B) 14
(C) 36 (D) 16

Ans(B)

Q 3. The radii of two circular faces of the frustum of a cone of a cone of height 21 cm are 3cm and 2 cm respectively. What is the volume of the frustum of the cone in cm^3 take $\pi = \frac{22}{7}$?

- (A) 418 (B) 345
(C) 154 (D) 286

Ans(A)

Q 4. The following table indicates the number of students studying in three disciplines in five colleges:

Disciplines	Colleges				
	A	B	C	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

If a pie-chart is drawn representing the number of students in all five colleges, what is the central angle (correct to the nearest whole number) of the sector representing the students of college B?

- (A) 82° (B) 84°
(C) 86° (D) 80°

Ans(C)

Q 5. In a circle with centre O, AB is the diameter and CD is a chord such that ABCD is a trapezium. If $\angle BAC = 25^\circ$, then $\angle CAD$ is equal to:

- (A) 65° (B) 40°
(C) 25° (D) 45°

Ans(B)

Q 6. Chords AB and CD of a circle, when produced, meet at a point P outside the circle. If AB=6 cm, CD=3cm and PD=5cm, then PB is equal to

- (A) 6.25 cm (B) 4 cm
(C) 5 cm (D) 6 cm

Ans(B)

Q 7. If $\cot\theta = \frac{3}{4}$, then $\sin\theta + \cos\theta - \tan\theta$ is equal to :

- (A) $\frac{1}{15}$ (B) $\frac{1}{20}$
(C) $\frac{2}{15}$ (D) $-\frac{1}{20}$

Ans(A)

Q 8. If $a + b = 5$, and $ab=3$ then $(a^3 + b^3)$ is equal to:

- (A) 65 (B) 70
(C) 80 (D) 75

Ans(C)

Q 9. A train without stoppage travels with an average speed of 65 km/h and with stoppage, it travels with an average speed of 52 km/h. For how many minutes does the train stop on an average per hour?

- (A) 12 (B) 14
(C) 13 (D) 15

Ans(A)

Q 10. The following table indicates the number of students in three disciplines in five colleges:

Disciplines	Colleges				
	A	B	C	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What percentage of total students are studying in the commerce stream in all five colleges together?

- (A) 30% (B) 28%
(C) 32% (D) 33%

Ans(A)

Q 11. A is 40% more efficient than B and C is 20% less efficiency than B. Working together, they can finish a task in 15 days. In How many days, will B alone complete 75% of the task?

- (A) 32 (B) 48
(C) 44 (D) 36

Ans(D)

Q 12. The following table indicates the number of students in three disciplines in five college:

Disciplines	Colleges				
	A	B	C	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What percentage of students in college B is studying in the science stream, (correct to one decimal)?

- (a) 29.8% (b) 29.2%
(c) 29.4% (d) 29.6%

Ans(B)

Q 13. An article is sold for Rs.657.90 after successive discounts of 15% and 10%. What is the marked price of article?

- (A) Rs 900 (B) Rs 860
(C) Rs 920 (D) Rs 880

Ans(B)

Q 14. If $(a + b + c = 8)$ and $ab + bc + ca = 12$, then $a^3 + b^3 + c^3 - 3abc$ is equal to:

- (A) 192 (B) 224
(C) 144 (D) 400

Ans(B)

Q 15. The value of $\sec^2 28^\circ - \cot^2 62^\circ + \sin^2 60^\circ + \operatorname{cosec}^2 30^\circ$ is equal to:

- (A) $\frac{23}{4}$ (B) $\frac{19}{4}$
(C) $\frac{7}{2}$ (D) 3

Ans(A)

Q 16. Two articles are sold for Rs 10,005 each. On One, the seller gains 15% and on the other, he loses 13%. What is his overall gain or loss percent, correct to two decimal places?

- (A) 0.94% gain (B) 1.42% gain
(C) 1.42% loss (D) 0.94% loss

Ans(D)

Q 17. If $a:b=5:3$, then $(8a-5b) : (8a+5b)$ is equal to:

- (A) 3:11 (B) 2:5
(C) 3:13 (D) 5: 11

Ans(D)

Q 18. The average marks of 45 students was found to be 66. If the marks of two students were incorrectly entered as 28 and 64 instead of 82 and 46 respectively, then what is the correct average?

- (A) 66.6 (B) 66.8
(C) 66.4 (D) 67.2

Ans(B)

Q 19. The value of:

$$2.8 + (5.2 \div 1.3 \times 2) - 6 \times 3 \div 8 + 2$$

- (A) 10.55 (B) 6.45
(C) 8.45 (D) 4.55

Ans(A)

Q 20. In a triangle ABC, AD is a median and P is a point on AD such that $AP : PD=3:4$. Then $ar(\triangle APB) : ar(\triangle ABC)$ is equal to:

- (A) 2:7 (B) 3:14
(C) 3:4 (D) 3:7

Ans(B)

Q 21. What is the least value of x such that $517x324$ is divisible by 12?

- (A) 2 (B) 0
(C) 1 (D) 3

Ans(A)

Q 22. The following table indicates the number of students in three disciplines in five colleges:

Disciplines	Colleges				
	A	B	C	D	E
Science	300	350	275	400	275
Commerce	250	400	325	275	250
Economics	400	450	250	300	500

What is the ratio of the total number of students studying in the science stream to that of studying in commerce stream in all five colleges taken together?

- (A) 16:15 (B) 16:19
(C) 14: 15 (D) 19:15

Ans(A)

Q 23. $\triangle ABC \sim \triangle QRP$ and $PQ=6$ cm, $QR=8$ cm and $PR=10$ cm, If $ar(\triangle ABC): ar(\triangle PQR)=1:4$, then AB is equal to:

- (A) 4cm (B) 5 cm
(C) 3 cm (D) 2cm

Ans(A)

Q 24. The price of sugar is increased by 22%. A person wants to increase his expenditure by 12% only. By what percent should he decrease his consumption, nearest to one decimal place?

- (A) 7.8% (B) 8.2%
(C) 8.6% (D) 10%

Ans(B)

Q 25. The difference between the compound interest and simple interest on Rs x at 8.5% per annum for 2 years is Rs 28.90. The value of x is:

- (A) 4000 (B) 3800
(C) 4500 (D) 3500

Ans(A)