SSC CGL

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 07

QUESTION- 100   MARKS- 200   NEGATIVE MARK- 0.50   DURATION- 60 MIN.

1. Use only ball pens with black or blue ink

2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.

3. There are a total of 100 questions in this question booklet.

4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.

5. Answers to all questions are to be written on separate answer sheets.

6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.

7. Blank pages are available in this question booklet for rough work.

8. Candidates cannot leave the room before the end of the examination.

9. After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.

10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.

11. 2 marks will be given for each correct answer and 0.50 marks will be deducted for each wrong answer.

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Total: 100 Que.	SSC CGL | Tier I | Mock Test 07	Time: 60 Min.

General Intelligence & Reasoning

1). If + denotes –, – denotes *, * denotes /, / denotes +, Then what will be the value of

60 * 10 / 40 + 6 – 5 =

(a) 3   **(b)** 144   **(c)** 16   **(d)** 200

---

2). Three of the following four words are alike in a certain way & one is different. Pick the odd one out.

(a) Nepal   **(b)** Ireland   **(c)** Indonesia

(d) Afghanistan

---

3). Which number will replace the question mark (?) in the following series?

7, 11, 18, 29, ?, 76

(a) 53   **(b)** 61   **(c)** 44   **(d)** 47

---

4). Select the mirror image of the given figure when the mirror is placed to the right of the figure.

---

5). A square paper is folded & cut as shown below. How will it appear when unfolded?

6). Select the Venn diagram that best illustrates the relationship between the following classes.

Villagers, Poor Persons, Males

---

7). If the word ANGEL is coded as BOHFM, then what will be the third alphabet in the code for the word SAVAGE?

(a) B   **(b)** U   **(c)** W   **(d)** X

---

8). Three of the following four word pairs are alike in a certain way & one is different. Pick the odd word out.

(a) 121   **(b)** 512   **(c)** 729   **(d)** 1000

---

9). Three of the following four letter-clusters are alike in a certain way & one is different. Pick the odd one out.

(a) HLP   **(b)** DHL   **(c)** PTX   **(d)** LPQ

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10). Three of the following four word pairs are alike in a certain way & one is different. Pick the odd word out.

(a) Tamil Nadu : South   **(b)** Punjab : North

(c) Assam : North-East   **(d)** Kerala : North-West

11). Three of the following four members are alike in a certain way & one is different. Pick the number that is different from the rest.
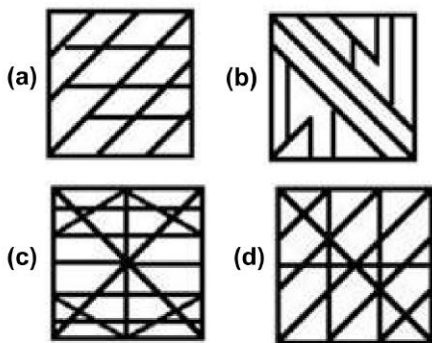
(a) 2197   **(b)** 1331   **(c)** 343   **(d)** 731

12). Arrange the following words in a logical & meaningful order.
1) Doctor

2) Recovery

3) Hospital

4) Home

5) Sickness

6) Medicine store

(a) 1, 5, 3, 6, 4, 2   **(b)** 5, 3, 6, 1, 3, 2
(c) 4, 5, 6, 1, 3, 2   **(d)** 5, 3, 1, 6, 2, 4

13). From the given answer figures, select the one in which the question figure is hidden/embedded.

14). Select the set in which the numbers are related in the same way as are the numbers of the following set.

(11, 16, 20)

(a) (9, 14, 19)   **(b)** (15, 20, 24)   **(c)** (17, 23, 26)

(d) (21, 26, 32)

15). Select the option that is related to the fifth term in the same way as the second term is related to the first term & the fourth term is related to the third term.

6472 : 25 :: 7343 : 41 :: 6582 : ?

(a) 14   **(b)** 16   **(c)** 18   **(d)** 13

16). Select the number pair in which the two numbers are related in the same way as the two numbers of the following number pair.

27 : 8

(a) 12:3   **(b)** 39:14   **(c)** 33:9   **(d)** 19:5

17). Two statements are given, followed by three conclusions numbered I, II & III. Assuming the statements to be true even if they seem to be at variance commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
Some quadrilaterals are squares.
All squares are rhombuses.

Conclusions:
I. No quadrilateral is a rhombus.
II. All rhombuses are squares
III. Some quadrilaterals are rhombuses.

(a) Only conclusion II follows.

(b) Only conclusion III follows.

(c) None of the conclusions follows.

(d) Only conclusion I follows.

18). Select the combination of letters that when sequentially placed in the gaps of the given letter series will complete the series.

cd_ab_cd_abb_dda_b

(a) Bbcdb   **(b)** Dbdcb   **(c)** Dbcbc   **(d)** Cbdab

19). Select the option that is related to the third letter-closer in the same way as the second letter-closer is related to the first letter cluster.

FLQV : JISU :: DJNR : ?

(a) FGQN   **(b)** HMPS   **(c)** HGLQ   **(d)** HGPQ

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20). Two different positions of the same dice are shown. Which number will be at the top if 3 is at the bottom?
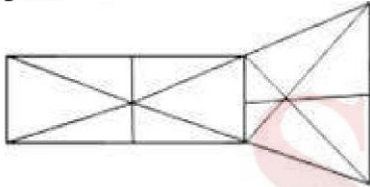

(a) 1   **(b)** 2   **(c)** 5   **(d)** 4

---

21). Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.
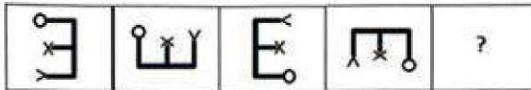Mnemonic : Memory

(a) Drama : acting   **(b)** Audition : Music

(c) Sedative : Sleep   **(d)** Audience : Speech

---

22). How many triangles are there in the following figure?

(a) 29   **(b)** 26   **(c)** 31   **(d)** 25

---

23). Select the figure that will come next in the following figure series.

(a)   **(b)**
(c)   **(d)**

---

24). Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

(a) PXWQ   **(b)** SKLV   **(c)** BKJC   **(d)** FNMG

---

25). 'Judgment' is related to 'Deliver' in the same way as 'Rule' is related to '____'.

(a) Implement   **(b)** Practice   **(c)** Follow
(d) Render

General Awareness

1). Which state government has recently banned the use of mobile phones in classrooms?

(a) Odisha   **(b)** Telangana   **(c)** Delhi   **(d)** Kerala

---

2). Who has recently launched the Luna-25 mission to the Moon?

(a) Japan   **(b)** Russia   **(c)** Australia   **(d)** Italy

---

3). The maximum number of nominated members to Lok Sabha is _____.

(a) 4   **(b)** 3   **(c)** 1   **(d)** 2

---

4). Who was the fifth of the ten Sikh gurus?

(a) Guru Angad   **(b)** Guru Ramdas

(c) Guru Arjan Dev   **(d)** Guru Hargobind

---

5). The Almatti dam project of the Krishna river was an issue between which states?

(a) Karnataka and Andhra Pradesh

(b) Karnataka and Goa

(c) Andhra Pradesh and Tamil Nadu

(d) Karnataka and Tamil Naduan

---

6). The Qutub Minar was named after the Sufi saint_____.

(a) Syed Waheed ashraf

(b) Alauddin Sabir Kaliyari

(c) Khawaja Qutbuddin Bakhtiyar kaki

(d) Qutub-ud-din Aibak

---

7). The Suri King _____ was defeated by Humayun to regain his Kingdom

(a) Mahmood Suri   **(b)** Sher Shah Suri

(c) Adil Shah Suri   **(d)** Bahalol Suri

---

8). 'Shifting cultivation' is also known as ____ in north-east India.

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(a) Ladang   **(b)** Chena   **(c)** Jhum   **(d)** Logan

---

9). Flying officer _____of the Indian Air Force(IAF)created history by becoming the first Indian woman to fly her first solo fighter flight in a Russian made MiG-21 fighter.

(a) Bhawana Kanth   **(b)** Anjali Gupta

(c) Mohana Singh   **(d)** Avani Chaturvedi

---

10). _____ is famous for an outstanding specimen of Buddhist art and architecture, belonging to the period between the 3rd century B.C. and the 12th century A.D

(a) Satna   **(b)** Vidisha   **(c)** Sanchi   **(d)** Dewas

---

11). Who decides on the issue related to the disqualification of a Member of Lok Sabha under tenth schedule?

(a) Prime Minister   **(b)** President

(c) Vice President   **(d)** Speaker

---

12). Recently who has been appointed as the MD&CEO of SBI Life?

(a) Vaibhav Taneja   **(b)** Sameer Saxena

(c) Amit Jhingran   **(d)** Atul Garg

---

13). Who invented the atomic battery in 1912?

(a) Alessandro Volta   **(b)** Henry Moseley

(c) Benjamin franklin   **(d)** Louis Pasteur

---

14). Recently the Central Government has notified Manjusha Deshpande as the judge of which High Court?

(a) Jaipur High Court   **(b)** Bombay high court

(c) Allahabad High Court

(d) Chandigarh High Court

---

15). The base financial year for the calculation of the all India Index of Industrial Production (IIP) is :

(a) 2010 -2011   **(b)** 2004 – 2005   **(c)** 2011 – 2012

(d) 2005 - 2006

---

16). _____ codified the first two laws of thermodynamics and deduced that the absolute zero of temperature is -273.15^{O}C. He was honored for this with the naming of the Kelvin temperature scale.

(a) William crookes   **(b)** William Thomson

(c) Luis Alvarez   **(d)** Robert Hooke

---

17). _____ is an important road link between Srinagar on the side and Kargil and Leh on the other side.

(a) Muling La   **(b)** Shipki La   **(c)** Zoji La

(d) Qara Tag La

---

18). What does the Lorenz Curve indicate?

(a) Relationship between the price of a certain commodity and its demand

(b) Income distribution   **(c)** Rate of employment

(d) Taxable income elasticity

---

19). Asian Games, also known as Asiad, is a multi-sport event held every _____ years among athletes from all over Asia.

(a) six   **(b)** four   **(c)** five   **(d)** three

---

20). _____ built the world famous harmandar sahib, popularly known as the Golden Temple in Amritsar.

(a) Guru Angad Dev   **(b)** Guru Arjan Dev

(c) Guru Siri Har Rai   **(d)** Guru Ram Das

---

21). The Deficiency of which nutrient causes night blindness?

(a) Vitamin K   **(b)** Vitamin C   **(c)** Proteins

(d) Vitamin A

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22). During whose reign did the chinese traveller Hiuen Tsang visit India?

(a) Chandragupta Vikramaditya   **(b)** Samudragupta

(c) Chandragupta I   **(d)** Harshavardhana

---

23). The theory that dinosaurs were driven to extinction by the aftermath of a large asteroid impact on Earth was given by_____.

(a) Wilhelm Rontgen   **(b)** Luis Alvarez

(c) Henry Moseley   **(d)** William Crookes

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24). ._____ was the first person to isolate methane gas. He discovered that methane mixed with air could be exploded using an electric spark.

(a) Alessandro volta   **(b)** William Thomson

(c) Louis Pasteur   **(d)** William Crookes

25). Recently which country's capital has become the world's most polluted capital?

(a) Indonesia   **(b)** Arab   **(c)** North Korea

(d) Bhutan

English Comprehension

1). Select the most appropriate antonym of the given word.

LIBERTY

(a) Slavery   **(b)** Freedom   **(c)** autonomy

(d) reservation

2). Select the most appropriate option to fill in the blank.

The old man wished to donate his _____ wealth for the upliftment of the downtrodden

(a) immense   **(b)** Elusive   **(c)** Intense

(d) eminent

3). Select the correctly spelt word.

(a) concious   **(b)** corigible   **(c)** complascent

(d) contemptible

4). Identify the best way to improve the underlined part of the given sentence. If there is no improvement required, select 'no Improvement'.

Let us not neglect important aspects of life although pursue momentary pleasures.

(a) by pursued moment pleasures.

(b) through pursued in momentary pleasures.

(c) while pursuing momentary pleasures.

(d) No improvement

5). Select the most appropriate meaning of the underlined idiom in the given sentence.

He kicked up a row when he was denied entry to the amusement park.

(a) cried with sorrow   **(b)** waited in a queue

(c) kicked the guard   **(d)** created a fuss

6). Select the most appropriate antonym of the given word.

TRANSIENT

(a) stationary   **(b)** temporal   **(c)** celestial

(d) permanent

7). Select the most appropriate 'one word' for the expressions given below.

To give up the throne

(a) bequeath   **(b)** Usurp   **(c)** Consign

(d) abdicate

8). Given below are four jumbled sentences. Pick the option that gives their correct order.

P. What can we do to avoid anger and provocation?

Q. Anger and tension are prevalent due to conflicts arising out of these differences.

R. The society is full of people who think and act differently.

S. We need to develop in ourselves the capacity for conversion to turn negative experiences into positive thinking.

(a) PRQS   **(b)** RQPS   **(c)** RPSQ   **(d)** PQSR

9). Select the most appropriate synonym of the given word.

RETICENT

(a) Silent   **(b)** garrulous   **(c)** extrovert

(d) confident

10). Select the most appropriate option to fill in the blank.

The Committee members were in _____ over the budget for the function.

(a) difference   **(b)** dissent   **(c)** deference

(d) descent

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11). In the sentence identify the segment which contains the grammatical error.

Each of the girls have given an impressive dance performance.

(a) have given   **(b)** each of the girls

(c) an impressive   **(d)** dance performance

12). Select the most appropriate meaning of the underlined idiom in the given sentence.

The heavy losses in business came like a bolt from the blue.

(a) a thunderstorm   **(b)** an unexpected disaster

(c) a windfall   **(d)** an ominous warning

13). Select the correctly spelt word

(a) atendence   **(b)** abundance   **(c)** arrogence

(d) apperance

14). Given below are four jumbled sentences. Select the option that gives their correct order.

A) Only the fittest creatures can survive while competing for food.

B) Why do some species survive and others become extinct?

C) His answer was that there is ceaseless struggle for life among all creatures.

D) This was the question that Darwin asked himself.

(a) ADCB   **(b)** ABDC   **(c)** BDCA   **(d)** BCDA

15). Select the most appropriate synonym of the given word.

FURY

(a) sorrow   **(b)** anger   **(c)** cruelty   **(d)** fright

DIRECTION (16 -20): Read the following passage and fill in each blank with words chosen from options given.

There was still a light in Mo's room. He often stayed _____ (1) reading late into the night. Meggie had _____ (2) her love of books from him. When she _____ (3) refuge with him from a bad dream, nothing could lull _____ (4) back to sleep better than Mo's calm breathing _____ (5) her and the sound of the pages turning.

16). Select the most appropriate option to fill in blank No.1

(a) Up   **(b)** Away   **(c)** For   **(d)** Out

17). Select the most appropriate option to fill in blank No.2

(a) Procured   **(b)** Inherited   **(c)** extracted

(d) Gained

18). Select the most appropriate option to fill in blank No.3

(a) Takes   **(b)** has taken   **(c)** will take   **(d)** Took

19). Select the most appropriate option to fill in blank No.4

(a) Her   **(b)** It   **(c)** His   **(d)** Them

20). Select the most appropriate option to fill in blank No.5

(a) Against   **(b)** Around   **(c)** Beside   **(d)** Behind

21). Choose the most appropriate option to change the voice (active/passive) form of the given sentence.

The hunchback was being laughed at by everyone.

(a) Everyone was laughing at the hunchback

(b) Everyone is laughing at the hunchback

(c) Everyone laughed at the hunchback.

(d) Everyone laughs at the hunchback.

22). Select the word which means the same as the group of words given.

A trade that is prohibited by law.

(a) incredible   **(b)** illusive   **(c)** inapt   **(d)** illicit

23). Choose the most appropriate option to change the voice (active/passive) form of the given sentence.

Some people believe that discipline means blind submission to authority.

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(a) It is belief by some people that discipline means blind submission to authority.

(b) It was believed by some people that discipline meant blind submission to authority.

(c) It is believed by some people that discipline means blind submission to authority.

(d) It has been believed by some people that discipline means blind submission to authority.

---

24). Identify the best way to improve the underlined part of the given sentence. If there is no improvement required, select 'no Improvement'.

We must endeavor to increase women's access for education also employment.

(a) access in education also employment

(b) excess to education or employment

(c) No improvement

(d) access to education and employment

---

25). In the sentence, identify the segment which contains the grammatical error.

If so many catches had not being dropped, we would have won the match.

(a) if so many catches   **(b)** had not being dropped

(c) won the match   **(d)** we would have

Quantitative Aptitude

1). The table shows the production of different types of cars (in thousands).

Year Car	2014	2015	2016	2017	2018
A	42	53	44	66	65
B	46	49	57	64	72
C	54	45	45	50	56
D	48	56	63	65	68
E	46	48	56	57	64

If the data related to the production of type D cars is represented by a pie-chart, then the central angle of the sector representing the production of cars in 2017 will be:

(a) 50°   **(b)** 75.6°   **(c)** 81.6°   **(d)** 78°

---

2). The ratio of the efficiencies of A, B and C is 3 : 5 : 1. Working together, they can complete a piece of work in 5 days. A and B work together for 3 days. The remaining work will be completed by C alone in?

(a) 18 days   **(b)** 24 days   **(c)** 21 days

(d) 15 days

---

3). Four different positive numbers are written in ascending order. One-third of the average of all the four numbers is 19 less than the greatest of these numbers. If the average of the first three numbers is 12, the greatest number among the given numbers is:

(a) 25   **(b)** 22   **(c)** 24   **(d)** 21

---

4). If $\dfrac{\tan\theta}{1-\cot\theta}+\dfrac{\cot\theta}{1-\tan\theta}=1+k$, then k = _____.

(a) cot θ + sec θ   **(b)** tan θ cosec θ

(c) tan θ + sec θ   **(d)** cosec θ sec θ

---

5). The table shows the production of different types of cars (in thousands).

Year Car	2014	2015	2016	2017	2018
A	42	53	44	66	65
B	46	49	57	64	72
C	54	45	45	50	56
D	48	56	63	65	68
E	46	48	56	57	64

The average production of cars in 2018 is approximately what percent less than the total production of type D cars in 2015 and type B cars in 2017 taken together?

(a) 45.8%   **(b)** 43.6%   **(c)** 42.4%   **(d)** 44.2%

---

6). A person sells an article at a profit of 12%. If he had purchased it for 12% less and sold it for Rs.9 less, he would have gained 27%. What is the original cost price of the article?

(a) Rs 4250   **(b)** Rs 4000   **(c)** Rs 4500

(d) Rs 3750

---

7). $\left(\dfrac{2\tan 30°}{1-\tan^2 30°}\right)=$?

(a) 3   **(b)** $\dfrac{1}{3}$ **(c)** $\sqrt{3}$ **(d)** $\dfrac{1}{\sqrt{3}}$

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8). The base and altitude of an isosceles triangle are 10 cm and 12 cm respectively. Then the length of each equal side is:

(a) 10 cm   **(b)** 75 cm   **(c)** 8.5 cm   **(d)** 13 cm

9). In a circle with centre O, PQR is a tangent at the point Q on it. AB is a chord in the circle parallel to the tangent such that ∠BQR = 70°. What is the measure of ∠AQB?

(a) 40°   **(b)** 60°   **(c)** 55°   **(d)** 35°

10). If $(8x^3 + 27 y^3) ÷ (2x + 3y) = (Ax^2 + Bxy + Cy^2)$, then the value of $(5A + 4B + 3C)$ is:

(a) 26   **(b)** 23   **(c)** 24   **(d)** 27

11). Two chords AB and CD of lengths 5 cm and 11 cm respectively are parallel and are on the same side of the centre O of a circle. If the distance between the chords is 3 cm, then what is the diameter of the circle?

(a) 37 cm   **(b)** $\sqrt{146}$ cm   **(c)** $\sqrt{142}$ cm

(d) 38 cm

12). If

$$\frac{1}{\csc\theta - 1} + \frac{1}{\csc\theta + 1} = 2\sec\theta,$$

$0° < \theta < 90°$, then the value of $(\cot\theta + \cos\theta)$ is:

(a) $\frac{1+\sqrt{2}}{2}$ **(b)** $\frac{2+\sqrt{2}}{2}$ **(c)** $\frac{2+\sqrt{3}}{\sqrt{2}}$

(d) $1+\sqrt{2}$

13). The table shows the production of different types of cars (in thousands).

Year\Car	2014	2015	2016	2017	2018
A	42	53	44	66	65
B	46	49	57	64	72
C	54	45	45	50	56
D	48	56	63	65	68
E	46	48	56	57	64

What is the ratio of the total production of type A cars in 2017 and type C cars in 2014 taken together to the total production of type B cars in 2014, type C cars in 2017 and type E cars in 2018 taken together?

(a) 12:11   **(b)** 3:4   **(c)** 2:3   **(d)** 5:6

14). The value of

$$\sin^2 30° \cos^2 45° + 4\tan^2 30° + \frac{1}{2}\sin^2 90° + 2\cos 90°$$ is:

(a) $\frac{15}{8}$ **(b)** $\frac{47}{24}$ **(c)** $\frac{23}{12}$ **(d)** 2

15). If 10-digit number 67127y76x2 is divisible by 88. then the value of $(7x - 2y)$ is:

(a) 10   **(b)** 7   **(c)** 3   **(d)** 5

16). The value of

$$6 - 6 ÷ 6 \times 6 + (6 ÷ 6 \text{ of } 6) \times 6 - \left(3\frac{2}{3} ÷ \frac{11}{30} \text{ of } \frac{2}{3}\right) ÷ 5$$ is:

(a) 0   **(b)** 2   **(c)** -1   **(d)** -2

17). A cylindrical road roller made of metal is one meter long. Its inner radius is 27 cm and the thickness of the metal sheet rolled into it is 9 cm. What is the weight of the roller, if 1 cm³ of the metal weighs 8 g?

(a) 441 π kg   **(b)** 442.4 π kg   **(c)** 449 π kg

(d) 453.6 π kg

18). Surbhi spends 75% of her income. If her income increases by 20% and savings decrease by 1%, then the percentage increase in her expenditure is:

(a) 27   **(b)** 2.2   **(c)** 22   **(d)** 2.7

19). In ∆ABC, AM ⊥ BC and AN is the bisector of ∠A. What is the measure of ∠MAN, if ∠B = 55° and ∠C = 35°?

(a) 10°   **(b)** 12°   **(c)** 15°   **(d)** 5°

20). The table shows the production of different types of cars (in thousands).

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Year Car	2014	2015	2016	2017	2018
A	42	53	44	66	65
B	46	49	57	64	72
C	54	45	45	50	56
D	48	56	63	65	68
E	46	48	56	57	64

The total production of type A cars in 2016 and type E cars in 2014 taken together is what percent of the total production of type C cars during 2014 to 2018?

(a) 36   (b) 32   (c) 35   (d) 40

21). If $\dfrac{6x}{\left(2x^2 + 5x - 2\right)} = 1, x < 0,$ then the value of $x^3 + \dfrac{1}{x^3}$ is:

(a) $\dfrac{3}{8}\sqrt{17}$ (b) $\dfrac{5\sqrt{17}}{8}$ (c) $\dfrac{5\sqrt{17}}{6}$

(d) $\dfrac{3}{4}\sqrt{17}$

22). A journey of 96 km takes one hour less by a fast train (A) than by a slow train B. If the average speed of B is 16 km/h less than that of A., then the average speed (in km/h) of A is:

(a) 64   (b) 48   (c) 54   (d) 60

23). A sum of Rs x is divided among A. B and C such that the ratio of shares of A and B is 7: 12 and that of B and C is 8 : 5. If the difference in the shares of A and C is Rs.214, then the value of x is:

(a) 11,556   (b) 11,128   (c) 11,770   (d) 11,342

24). What is the compound interest on a sum of Rs 8,100 for years at 8% per annum, if the interest is compounded 5-monthly? Nearest to Rs 1)

(a) Rs 837   (b) Rs 873   (c) Rs 842   (d) Rs 824

25). By how much above the cost price should an article be marked up for sale so that after allowing two successive discounts of 20% and 6.25% on it, a net gain of 20% is made on the cost?

(a) $66\dfrac{2}{3}\%$ (b) $46\dfrac{1}{4}\%$ (c) 50%   (d) 60%