

DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

SSC GD

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 08

QUESTION- 80

MARKS- 160

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 80 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: 80 Que.

SSC GD | Mock Test 08(English Language)

Time: 60 Min.

General Intelligence & Reasoning

- 1). Find the missing number from the below options.

18	5
13	23

35	17
18	?

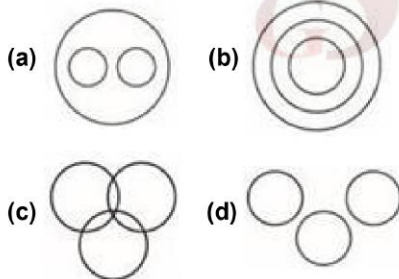
- (a) 27 (b) 52 (c) 44 (d) 67

- 2). Fluorine is related to Halogen in the same way as Argentum is related to?

- (a) Radio Active (b) Gas (c) Metal (d) Inert Gas

- 3). Select the Venn diagram that best represents the given set of classes.

Bulls, Cows, Hens



- 4). Four numbers have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- (a) 99 (b) 117 (c) 135 (d) 105

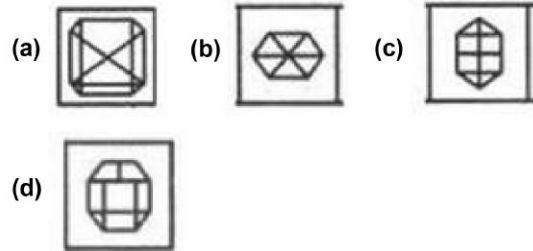
- 5). Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

- (a) Yellow (b) Blue (c) Pink (d) Red

- 6). In a code language, honna son kolu means gold is yellow; kump son lapi means rose is red; kolu man lapi means yellow and reWhat is the word for gold in that code language?

- (a) Man (b) Son (c) Kolu (d) Honna

- 7). Select the correct option that will come next in the following series.



- 8). The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

All rupees are dollar.

All dollars are coin.

Conclusion I: No coins are rupees.

Conclusion II: All rupees are coin.

- (a) Only conclusion II follows.
(b) Only conclusion I follows.
(c) Neither conclusion I nor conclusion II follows.
(d) Both conclusions I and II follow.

- 9). Find the odd letter group.

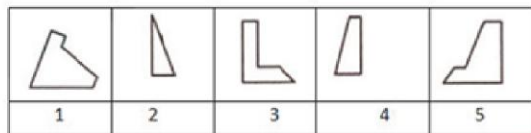
- (a) XZ (b) GI (c) FG (d) MO

- 10). Malini went from her office to the bank. She started her journey facing West. First, she went 2 km straight; then she turned to her right and went 3 km; finally, she turned left and walked 2 km to reach the bank.

What is the shortest distance between Malini's office and the bank?

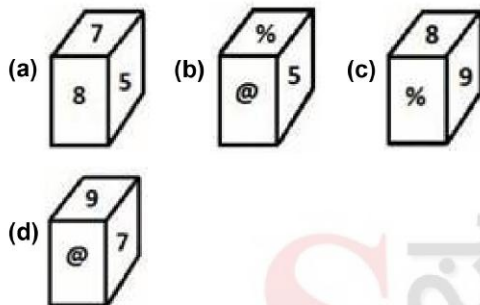
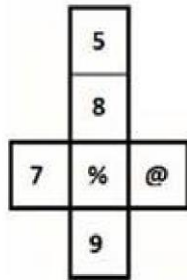
- (a) 3.5 km (b) 3 km (c) 4 km (d) 5 km

- 11). Observe the following randomly drawn figures and choose which of the following figures form a square?



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

- 12). From the options, select the cube that can be formed by folding the given sheet.



- 13). Select the correct option that will fill in the blank and complete the series.

B, E, H, K, N, Q, _____

- (a) U (b) S (c) R (d) T

- 14). The statement below is followed by two conclusions labeled I and II. You have to assume everything in the statement to be true, and then decide which of the conclusions logically follows for pursuing.

Statement: Drinking milk is beneficial for health.

Conclusion I: All healthy people drink milk.

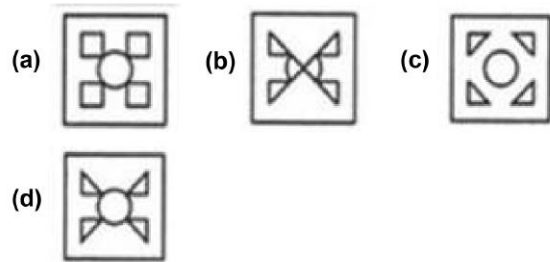
Conclusion II: Milk is harmful for child.

- (a) Both conclusions I and II follow.
(b) Only conclusion I follows.
(c) Only conclusion II follows.
(d) Neither conclusion I nor conclusion II follows.

- 15). .



Observe the above figures which show the process of cutting a drawing paper. Identify the resultant of it from the following options.



- 16). If in a code language, BANK is written as AZMJ and TABLE is written as SZAKD, then which letter will be there in seventh place from right after coding COMPUTER in the same way?

- (a) S (b) T (c) N (d) Q

- 17). The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:

All wheat are barley.

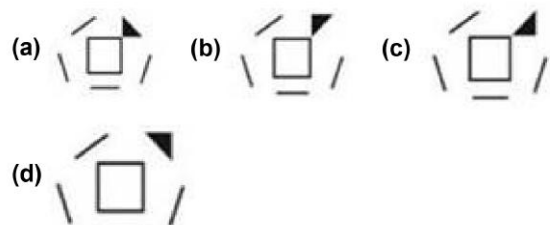
All peas are barley.

Conclusion I: Some wheat are peas.

Conclusion II: No wheat are peas.

- (a) Only conclusion I follows.
(b) Either conclusion I or conclusion II follows.
(c) Only conclusion II follows.
(d) Both conclusions I and II follow.

- 18). Choose the correct option that will replace the question mark and continue the given figure series.



- 19). Select the option that is related to the fourth term in the same way as the first term is related to the second term.

Apple : Peach :: ? : Cream

- (a) Butter (b) Cookie (c) Bread (d) Cake

- 20). Select the correct option that will fill in the blank and complete the series.

ZCC, XEE, _____, TII, RKK

(a) RGG (b) SGG (c) UGG (d) VGG

General Knowledge & General Awareness

1). For transferring heat, which of these would be an ideal material?

- (a) Steel Rod (b) Woolen Thread (c) Water
(d) Wooden Plank

2). The world's highest railway bridge is located in which Indian state/UT?

- (a) Sikkim (b) Jammu and Kashmir
(c) Arunachal Pradesh (d) Assam

3). When is the 'World Bio-fuel Day' celebrated?

- (a) August 8 (b) August 10 (c) August 12
(d) August 14

4). William Samoei Arap Ruto was sworn in as the President of which country?

- (a) Kenya (b) Ethiopia (c) Nigeria
(d) South Africa

5). As per Bloomberg Billionaires Index, who is the richest woman in Asia?

- (a) Savitri Jindal (b) Kiran Mazumdar Shah
(c) Falguni Nayar (d) Radha Vembu

6). Harmeet Desai and Sathiyam Gnanasekaran, who won gold for India, play which sports?

- (a) Weightlifting (b) Boxing (c) Table Tennis
(d) Badminton

7). The _____ were the first Europeans to come to India.

- (a) French (b) Portuguese (c) Dutch (d) English

8). Name the Strait that separates India and its neighbor Sri Lanka.

- (a) Mannar Strait (b) Palk Strait (c) Malacca Strait
(d) Cook Strait

9). Vedanthangal Bird Sanctuary and Koonthankulam Bird Sanctuary, which were declared Ramsar sites, are located in which state?

- (a) Odisha (b) Karnataka (c) Tamil Nadu
(d) Uttarakhand

10). Who is the Scottish economist and political philosopher who published a massive three volume work "A history of British India"?

- (a) Clive Lloyd (b) Williamson (c) James Anderson
(d) James Mill

11). Who is the very first Mughal emperor?

- (a) Alam Khan (b) Babur (c) Mohammed
(d) Akbar

12). During Mughal period rank and salary were determined by a numerical value called_____.

- (a) Zalam (b) Zor (c) Zadu (d) Zat

13). Which among the following is not a good conductor of electricity?

- (a) Bromine (b) Copper (c) Silver (d) Graphite

14). During Mughal period a royal edict or order was known by what name?

- (a) Jhola (b) Takat (c) Farman (d) Tika

15). In which year was the Battle of Buxar?

- (a) 1792 (b) 1764 (c) 1804 (d) 1881

16). Plants with weak stems that cannot stand upright and spread on the ground are called_____.

- (a) Creepers (b) Shrubs (c) Trees (d) Climbers

17). Who became the first Governor General of India in 1773?

- (a) Richardson (b) Warren Hastings (c) Dalhousie
(d) Clement Atlee

18). Which of the following does not have a fibrous root?

- (a) Onion (b) Rice (c) Beetroot (d) Maize

19). Name the Indian company which first touched a market capitalization of 8 trillion INR in the Indian stock market.

- (a) Tata Consultancy Services (b) HDFC
(c) Reliance Industries (d) IOCL

20). Which country has announced to launch a new joint international semiconductor research hub with Japan?

- (a) USA (b) Australia (c) India (d) Germany

English Language

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

You would _____ believe me when I tell you what I saw.

- (a) rarely (b) scarcely (c) often (d) seldom (e)

2). Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select "No substitution".

For now on, all the salesmen will be paid a commission and not a salary.

- (a) No substitution (b) From now on
(c) As of now on (d) Since now on (e)

3). Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select "No substitution".

I told you not to miss your classes, did I?

- (a) No substitution (b) didn't I? (c) didn't you?
(d) do I? (e)

4). Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select "No substitution".

I will be there inside of half an hour.

- (a) inside (b) outside of (c) within
(d) No substitution (e)

5). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

She asked me how much I had paid for the mangoes.

- (a) She said to me, "How I paid for the mangoes?"
(b) She said to me, "How much did you pay for the mangoes?"

(c) She said to me, "How much I paid for the mangoes?"

(d) She said to me, "How much did I pay for the mangoes?"

(e)

6). Identify the segment in the sentence which contains the grammatical error.

Many prince and nobleman wished to marry the beautiful princess.

- (a) Many prince and nobleman (b) to marry
(c) wished (d) the beautiful princess. (e)

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

Every penny must be accounted for by you.

- (a) You must be accounted for every penny.
(b) You must account every penny.
(c) You must account for every penny.
(d) You must be account for every penny. (e)

8). Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select "No substitution".

The flames had shot up higher then never.

- (a) than ever (b) then ever (c) No substitution
(d) than never (e)

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

Were you frightened by the strange noise?

- (a) Do the strange noise frighten you?
(b) Did the strange noise frightened you?
(c) Did the strange noise frighten you?
(d) Does the strange noise frighten you? (e)

10). Identify the segment in the sentence which contains the grammatical error.

One of my friend called me just as I was leaving the classroom.

- (a) leaving the classroom (b) just as I was
(c) One of my friend (d) called me (e)

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

A) When the train reached the sixth station, I got off feeling relieved that the journey had been so easy.

B) With a look of amusement on his face, he told me that I had travelled on a train going in the opposite direction.

C) But I got alarmed to see that I had got off at a station that I had not heard of!

D) I explained this to a man who was standing close by.

(a) ACBD (b) ACDB (c) ADBC (d) ABCD (e)

- 12). Select the most appropriate option to substitute the underlined segment in the sentence. If there is no need to substitute it, select "No substitution".

Thank you for making our visit a success.

(a) to make (b) in making (c) No substitution
(d) to making (e)

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

The institute gave me a scholarship.

(a) I was being given a scholarship by the institute.
(b) I am given a scholarship by the institute.
(c) I will be given a scholarship by the institute.
(d) I was given a scholarship by the institute. (e)

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

A) Preeti packed a small suitcase, said goodbye to her mother and hurried out of the house to catch the bus to the station.

B) Her train would leave at two thirty, and since it would take her at least forty minutes to reach the station, she would not be able to make it.

C) Preeti looked at her watch anxiously, it was already two o'clock.

D) There was no one else waiting at the bus stop, so it looked as if the bus had just left.

(a) ABCD (b) ABDC (c) ADCB (d) ADBC (e)

- 15). Choose the most appropriate option to change the narration (direct/indirect) of the given sentence.

The manager said to the receptionist, "I am going to attend an urgent meeting at the head office."

(a) The manager informed the receptionist that she had to attend an urgent meeting at the head office.
(b) The manager informed the receptionist that she was going to attend an urgent meeting at the head office.

(c) The manager informed the receptionist that she will be attending an urgent meeting at the head office.

(d) The manager informed the receptionist that she is going to attend an urgent meeting at the head office.

(e)

DIRECTION 21 -25 Read the passage and answer the questions.

Ever wondered how efficiently the brain works on waking up in the morning even before the system has had a chance to ingest the hot cuppa! If I could replace myself with a robot, the latter would need to train through 39 steps across different levels (kitchen platform, refrigerator and stove), three states (solid, liquid and gas), managing several timed intervals between sub-tasks. Yet, once done, it will be a spectacle to watch: steps executed with such precision and dependability, will be a given.

What's more, it will address multiple tasks in interleaved fashion by harvesting the in- between. The time between putting the oil in the wok and dropping the seasoning once the oil is heated, between placing the rolled chapati on the tava and flipping the partially roasted piece: such snippets of time that the human uses up to ponder will be efficiently utilised by a robot. To a robot, thinking is a challenge! But it will turn its thinking disability to advantage. Time division multiplexing in its finest resolution will be in action. Imagine chopping a pair of beans in between flipping chapatis; or shelling boiled eggs as the oil in the wok gets heated. Who can give up the joy of watching a phoolka puff into a ball on the fire, each puff bringing added cheer. Yet, to a robot it will be a sight lost in vain. For, our busybody will be placing a bottle under the water purifier to fill water when a phoolka puffs, and switching off the button when the next one repeats the feat.

Imagine what will happen when such a robot does come into shape. Mad with joy at gaining one hour of precious morning time, humanity will buy it. Next, the additional hour will be played with. The workaholic will add that hour to work hours. Those committed to physical well-being will hit the gym, and a handful will go jogging. Yet, soon deeper realisation will set in. Sleeping off the extra hour will seem a logical stable state and will be welcomed by all. Until, even sleeping gets boring. In due course of time, the fate of my robot will be no different from that of the many fancies mankind has evolved through. The "going back to roots" movement will find a new entrant. Like the shift from refined to whole, from polished to brown, from cooked to raw, we will retrace our steps. The robot discarded into the e-waste bin, we would make our entry back into the kitchen. Many of the once-familiar sights and smells would then drift back into our senses slowly.

- 16). "It will be a spectacle to watch." What would be a 'spectacle to watch'?

(a) Making tea/coffee while half asleep.

(b) The narrator making a perfect cup of tea.

- (c) A robot making a morning drink.
(d) The robot drinking a cup of tea. (e)

17). According to the writer of this passage, which of these statements is NOT true about robots?

- (a) A robot does the work mechanically without any emotions.
(b) Robots will replace human beings.
(c) We will sooner or later get bored with robots.
(d) A robot uses in-between times efficiently. (e)

18). "harvesting the in-betweens" refers to:

- (a) eating in between chores in the kitchen
(b) messing up the kitchen while working there.
(c) The interval between many cups of tea in the course of the day.
(d) utilising the in-between time while multi-tasking
(e)

19). With regard to robots, what would 'going back to the roots' mean?

- (a) Making the robots work like a human
(b) To start doing the kitchen work oneself
(c) Evolution of the robots
(d) Robots and humans working together (e)

20). In what context does the writer mention: doing extra work, hitting the gym and jogging?

- (a) Activities disliked by lazy people.
(b) General activities of all adults.
(c) Activities people do to keep themselves busy.
(d) Activities people will indulge in when robots do kitchen work.
(e)

Elementary Mathematics

1). In $\triangle ABC$, $\angle A = 90^\circ$, $AB = 16$ cm and $AC = 12$ cm. D is the midpoint of AC and $DE \perp CB$ at E. What is the area (in cm^2) of $\triangle CDE$?

- (a) 5.76 (b) 7.68 (c) 8.64 (d) 6.25

2). The sides AB , BC and AC of a $\triangle ABC$ are 12 cm, 8 cm and 10 cm respectively. A circle is inscribed in the triangle touching AB , BC and AC at D , E and F , respectively. The difference between the lengths of AD and CE is:

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

3). A person sold a chair at a profit of 13%. Had he sold it for Rs. 607.50 more, he would have gained

$x\%$. If the cost price of the chair is Rs. 3750, then the value of x is:

- (a) 30 (b) 32 (c) 29.2 (d) 28.4

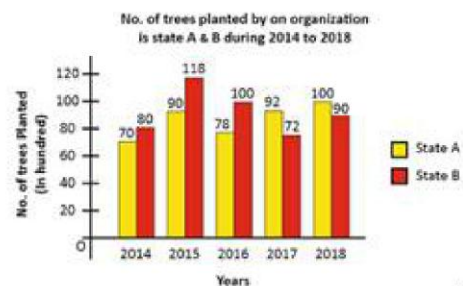
4). If $x = 5.51$, $y = 5.52$ and $z = 5.57$, then what is the value of $x^3 + y^3 + z^3 - 3xyz$?

- (a) 51.46 (b) 5.146 (c) 0.05146 (d) 0.5146

5). If $\sqrt{x} + \frac{1}{\sqrt{x}} = 3$, $x > 0$, then $x^2(x^2 - 47) = ?$

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

6). Study the bar graph and answer the question.



Percentage decrease in the number of trees planted in 2016 in state A as compared to that in 2015 in the same state was:

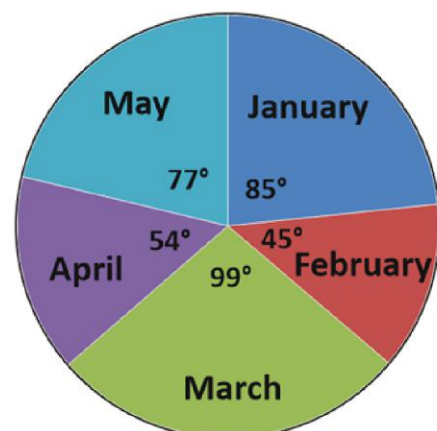
- (a) $12\frac{2}{3}$ (b) $15\frac{5}{13}$ (c) $15\frac{2}{3}$ (d) $13\frac{1}{3}$

7). Study the pie chart and answer the question.

Distribution (degree wise) of the number of computers sold by a shopkeeper

during five months.

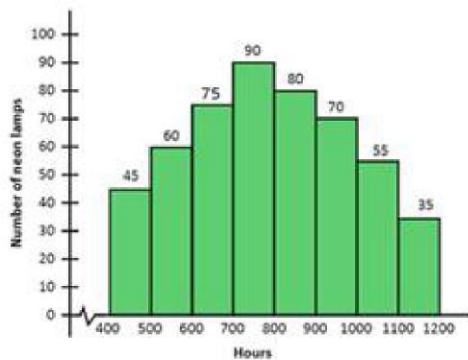
Total Number of Computers Sold = 5400



The total number of computers sold in February and April is what percentage more than the number of computers sold in May? (upto one decimal place.)

- (a) 28.6 (b) 25.8 (c) 26.4 (d) 30.2

- 8). Study the bar graph and answer the question.



The number of neon lamps having a life of 500 hours or more but less than 800 hours is:

- (a) 270 (b) 305 (c) 225 (d) 180

- 9). The compound interest amounts on a certain sum at a certain rate percentage for the second year and third year are Rs. 3,300 and Rs.3,630, respectively. What is the amount of the same rate in $2\frac{1}{2}$ years, interest compounded yearly?

- (a) Rs. 36,300 (b) Rs. 37,215 (c) Rs. 36,000
(d) Rs. 38,115

- 10). A can do $\frac{2}{5}$ of a work in 12 days while B can do $66\frac{2}{3}\%$ of the same work in 16 days. They work together for 10 days. B alone will complete the remaining work in:

- (a) 8 days (b) 6 days (c) 4 days (d) 9 days

- 11). The value of

$$\frac{4.669 \times 4.669 - 9 \times (0.777)^2}{(4.669)^2 + (2.331)^2 + 14(0.667)(2.331)}$$

is $(1 - k)$, where $k = ?$

- (a) 0.666 (b) 0.647 (c) 0.467 (d) 0.768

- 12). As observed from the top of a lighthouse, 45 m high above the sea-level, the angle of depression of a ship, sailing directly towards it, changes from 30° to 45° . The distance travelled by the ship during the period of observation is: (Your answer should be correct to one decimal place.)

- (a) 36.9 m (b) 32.9 m (c) 33.4 m (d) 24.8 m

- 13).

The value of $\frac{\left(\frac{1}{3} + \left[4\frac{3}{4} - \left(3\frac{1}{6} - 2\frac{1}{3}\right)\right]\right)}{\left(\frac{1}{5} \text{ of } \frac{1}{5} \div \frac{1}{5}\right) \div \left(\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5}\right)}$

lies between:

- (a) 4.2 and 4.4 (b) 8.2 and 8.8 (c) 10.2 and 10.8
(d) 0.4 and 0.9

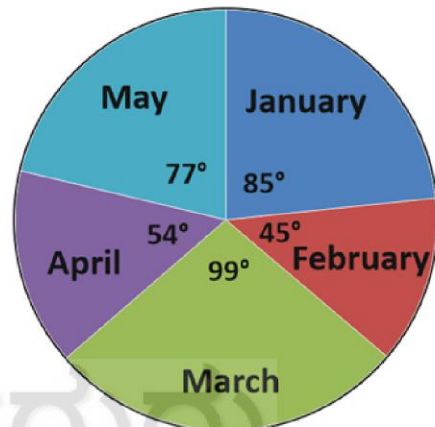
- 14). A solid metallic sphere of radius 6.3 cm is melted and recasted into a right circular cone of height 25.2 cm. What is the ratio of the diameter of the base to the height of the cone?

- (a) 1 : 2 (b) 3 : 2 (c) 2 : 3 (d) 2 : 1

- 15). Study the pie chart and answer the question.

Distribution (degree wise) of the number of computers sold by a shopkeeper during five months.

Total Number of Computers Sold = 5400



The number of months, in which the number of computers sold was more than 20% of the total number of computers sold in 5 months, was:

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

- 16). In finding the HCF of two numbers by division method, the quotients are 1, 8 and 2 respectively, and the last divisor is 105. What is the sum of the numbers?

- (a) 3885 (b) 3780 (c) 3675 (d) 3570

- 17). The value of $9 \times [(9 - 4) \div \{(8 \div 8 \text{ of } 4) + (4 \div 4 \text{ of } 2)\}]$ is:

- (a) $\frac{15}{4}$ (b) 20 (c) $\frac{15}{2}$ (d) 60

- 18). The sides of a triangular park are 35 m, 53 m and 66m. The cost of levelling the park at the rate of Rs. 9.25/m² is:

- (a) Rs. 8,510 (b) Rs. 8,547 (c) Rs. 8,621
(d) Rs. 8,584

- 19). The curved surface area of a right circular cone is 156π and the radius of its base is 12 cm. What is the volume of the cone, in cm³?

- (a) 180π (b) 192π (c) 240π (d) 210π

20). Two circles of radii 5 cm and 3 cm intersect each other at A and B, and the distance between their centres is 6 cm. The length (in cm) of the common chord AB is:

- (a) $\frac{4\sqrt{13}}{3}$ (b) $\frac{4\sqrt{14}}{3}$ (c) $\frac{2\sqrt{13}}{3}$ (d) $\frac{2\sqrt{14}}{3}$
-

