

RMAT

PRACTISE TEST - I

Direction for (Q 1- 5) Read the following passage and answer the questions ;

Communication is an art. The way of communication is more important than what is being communicated. In other words “ The medium is the message.” From the time we learnt to speak and write we can say that there have been two major milestones (a) printing of books and (b) present day electronic medium i.e. electronic revolution . As compared to books where learning is a step-wise process, electronic medium such as computer , television etc covers a wide range of knowledge in less time with least storage space. There has been a complete change of perception, co-ordination and presentation of data in this age of computer technology. The most important feature of present technology is the level of interaction which is simultaneous and comprehensive in different fields of knowledge. This brings us to the point of conflict between the two technologies which separate the otherwise educated from computer knowledgeable. Keeping in view the concept of global village it can be expected that the people will co-operate for the common good of human-race rather than break into different opinion forming communities having divergent views on communication medium.

Q1 In communication the importance is attached to;

- (a) What is being communicated?
- (b) How it is being communicated ?
- (c) Who is communicating ?
- (d) When it is communicated.

Q 2 Two major milestones on communications are;

- (a) Speaking and writing.

- (b) What is being spoken and written.
- (c) Book printing and electronic medium
- (d) None of the above.

Q3 Step-wise learning process means

- (a) There are many steps to learn
- (b) Reading –understanding and analyzing.
- (c) Process where understanding is good.
- (d) One takes long time to learn .

Q 4 The electronic revolution is ;

- (a) Communication by electronic medium is fast and multifarious which resulted in time and space.
- (b) Making our lives comfortable.
- (c) Changing our perception, co-ordination and presentation.
- (d) None of these.

Q5 “Conflict between two technologies “. Which are the two technologies;

- (a) Printing of books and non printing of books
- (b) Old technology and modern technology
- (c) Electronic and book printing

- (d) Global village technology and printing machines.

Directions for (Q 6-10) Study the following passage and answer the questions given at the end of the passage.

Everyday a large number of advertisements are carried on in media such as news paper, magazine and television etc. The failure rate of ads is quite high as it fails to catch our attention, consequently it leads to wastage of sponsor's money and efforts. On the other hand the growing competition demands more advertising activities. Larger advertising budget outlays are due to the rising costs of media. This brings us to the point of optimizing the advertising outlays which puts the demand on professional approach to plan and manage advertising the product .This challenge thus results in more creativity ,growth and promotion of products through advertisement ,which is undertaken by ad. agency, an independent business organization to develop, prepare and put ads in advertising media for sellers seeking to find buyers for their products and services.

Q 6. Ad . medias are

- (a) Books
- (b) News papers, magazines and television
- (c) Regional fortnightly journals
- (d) Monthly magazines.

Q7 Failure of ads is due to

- (a) Bad ads.
- (b) Big ads.

- (c) failure to catch customer's attention
- (d) Non - printing of ads in news papers

Q 8. competition demands ;

- (a) No ads.
- (b) Less ads
- (c) More ads
- (d) None of these

Q 9. Larger budget outlays are due to

- (a) More and more ads
- (b) Larger ads
- (c) Poor planning
- (d) Rising costs of media.

Q 10 Central theme of the passage is

- (a) More competition in the market.
- (b) Sponsors must have larger budget outlays.
- (c) Professional approach to plan and manage advertising.

(d) Ad agency must put more advertisements in the media.

Directions for (Q 11 –15).Choose the correct alternative for the idiom

Q 11 Gift of the gab.

- (a) Singing talent
- (b) Writing talent
- (c) Painting talent
- (d) Fluency of speech.

Q 12 Scot free.

- (a) Free from punishment
- (b) Free from taxes
- (c) Exempt from payment
- (d) Free from work.

Q 13 Put one's foot in

- (a) Make a mistake
- (b) Insist on something
- (c) Do something bad.

(d) Perform well.

Q 14 Tooth and nail

(a) Using tooth and nails

(b) Using unfair means

(c) Full strength

(d) as best as possible.

Q 15 To face the music

(a) To listen music

(b) To get entertained

(c) Face punishment

(d) To face reprimand

Directions for (Q16—20) Select the lettered pair that best expresses the relationship similar to that expressed in the original pair.

Q 16 Request ; Command

(a) agree ; oppose

(b) amiss ; save

(c) hurt ; aid

(d) rely ; descry

Q 17 Smoke ; Fire

(a) climb ; cry

(b) gossip ; exaggeration

(c) boy ; brother

(d) cat ; chat

Q 18 Salient ; Prominent

(a) romantic ; strong

(b) reproof ; scold

(c) respite ; spite

(d) chastise ; erring

Q 19 Destination ; Traveller

(a) peace ; war

(b) flight ; escape

- (c) accident ; injury
- (d) asylum ; refugee

Q20 Authentic ; Genuine

- (a) pragmatic ; realistic
- (b) pray ; worship
- (c) lie ; lay
- (d) storm ; burst .

Directions for (Q21—25) Fill in the blanks

Q 21 The palace which was once ----- has now been reduced to -----

- (a) grand ; emptiness
- (b) magnificent ; rubble
- (c) populated ; ruins
- (d) inhabited ; ruins

Q22 When work pressure is great -----the frequency of committing mistakes is more.

- (a) frequency
- (b) probability
- (c) liability

(d) periodicity

Q 23 As the -----of the interview drew nearer, Ramesh became increasingly-----
---.

(a) time ; confident

(b) day ; sober

(c) hour ; restive

(d) hour ; eager

Q24 His rise in his profession is solely due to his-----efforts to be creative and innovative.

(a) meteoric

(b) digressive

(c) unexpected

(d) unusual

Q25 The remark was ----- and only added -----to fire.

(a) Casual, flame

(b) impertinent ; fuel

(c) sarcastic ; intensity

(d) unintentional ; breeze.

Q142. In certain code CERTAIN is written as ECTRIAAD, how will MANGOES be written in the same code,

- (a) AMGNOEAI (b) AMGNEOAI (c) AMGNEOIT (d) AMGNEOAB

Q 143 In certain codeBLACK is written as CMBDL how will CAUTION be written in the same code.

- (a) DBVUJPQ (b) DBUVJLO (c) DBUVJPO (d) DBVUJPM

Q144 In certain code JAIPUR is written as FWELQN how will DELHI be written in the same code.

- (a) ABIEF (b) ZAHDE (c) ZBGDE (d) YCEFE

Q145 In certain code PREVIOUS IS WRITTEWN as XZMC QWCA how POSITION will be written in the same code.

- (a) XWA QBQWV (b) XWA PBPWV (c) XWARBRWV (d) XWAQBQ XW.

Direction for (Q128—132) Study the following information to answer the questions.

Afactory has four workers of varying efficiencies . The workers are A,B,C& D.

- (I) C is four times as efficient as A
- (II) B is $\frac{1}{3}$ as efficient as C
- (III) D is $\frac{4}{5}$ as efficient as A

Q 128 Find out the worker who will take minimum time/days to finish the given work when working alone?

- (a) C (b) D (c) A (d) B

Q129 Who will take maximum days to complete the work ?

- (a) A (b) C (c) D (d) B

Q130 Which of the following represents the descending order of efficiency of workers ?

- (a) ABCD (b) BACD (c) CABD (d) CBAD

Q131 Which pair gives maximum combined efficiency ?

- (a) AD (b) BC (c) AC (d) CD

Q132 The least efficiency of combined three workers

- (a) ABD (b) ABC (c) BCD (d) ACD

Direction for (Q 133—136) Refer to data below

Q133 If $A=27$, $D=39$, $C=36$, and $B=32$ so $F=?$

- (a) 46 (b) 41 (c) 42 (d) 29

Q134 Find the missing letters with correct alternative.

dcb- -bad b—c

- (a) bcca (b) acad (c) abcd (d) ccda

Q135 aa-c bbc- ccd- dda-

- (a) bdab (b) cdab (c) bddb (d) ccda

Q136 aaa- bbb- ccc- ddd-

- (a) badd (b) bcde (c) acbd (d) adbc

Direction for (Q 137—141) Find out the missing number

Q 137 3, 7, 13, (?), 31, 43

(a) 15 (b) 17 (c) 21 (d) 23

Q 138 2, (?), 16, 23, 30

(a) 5 (b) 9 (c) 11 (d) 14

Q 139 2, 7, 17, 37, (?), 157

(a) 47 (b) 57 (c) 67 (d) 77

Q 140 1;1, 2;6, 5;20, 6;30, 7;(?)

(a) 35 (b) 25 (c) 30 (d) 36

Q 141 1, 5, 17, 53, (?), 485

(a) 131 (b) 141 (c) 161 (d) 181

Q 121 There are 12 members in a joint family and in successive generations the number of total members doubles. The name of each member is listed in the family book. After how many generations the total enlisted persons are $3 \times 2^{13} - 12$?

- (a) 14 (b) 16 (c) 12 (d) 11

Q 122 In case Jupiter takes 13 years to go round the earth once and Saturn takes 30 years, what is the time interval between two conjunctions of Jupiter and Saturn in the Zodiac at the same location.

- (a) 130 years (b) 390 years (c) 250 years (d) 260 years.

Direction for (Q123—127) Each of the following questions have two statements (i) and (ii). Use the data given in (i) & (ii) together with available information (such as the number of hours in a day, definition of clockwise, mathematical facts etc) to find out whether the statements are sufficient to answer the question. Then mark the question as ;

I If statement (i) alone is sufficient to answer the question but statement (ii) alone is not sufficient.

II If statement (ii) alone is sufficient to answer the question but statement (i) alone is not sufficient

III If both the statements (i) & (ii) together are sufficient but neither statement alone is sufficient to answer the question..

IV If neither statement (i) alone nor (ii) alone is sufficient to answer the question.

All numbers used are real numbers.

Q 123 If a pipe 5 feet long is cut into three smaller pieces ,how long is the longest of three pieces ;

- (i) One pipe is 2 feet 7 inches long.
- (ii) One pipe is 7 inches longer than the other pipe and the third pipe is 5 inches long.

- (a) I (b) IV (c) III (d) III

Q124 Refer to the following figure.

If PR is the diameter of the circle and PRS is a straight line then what is the value of A

- (i) $QP=QR$ (ii) $A=2B$

- (a) I (b) III (c) II (d) IV

Q 125 What is the value of P ?

(i) $Q+2P = 6$

(ii) $P^2 - 2P +1 =0$

- (a) IV (b) I (c) III (d) II

Q 126 If two pipes A & B, empty into a water tank and pipe A can fill the tank in 1 hour by itself then how long will it take for pipes A & B together to fill the tank.

(i) Pipe B can fill the tank on its own in $2/3$ hour

(ii) Pipe has larger crosssectional area than pipe A

- (a) III (b) IV (c) I (d) II

Q 127 If X is an integer then X is divisible by 12

(i) X is divisible by 4

(ii) X is divisible by 3

(a) IV (b) III (c) II (d) I

Direction (for Q.36 to Q.40) Only one Word is correctly spelt choose that word from a, b, c, d given below.

Q.36 (a) Irreparable (b) Intellectual
(c) Incedently (d) Ediosyncracy

Q.37 (a) Grandur (b) Insistant
(c) Installation (d) Inetial

Q.38 (a) Janvery (b) Intermittent
(c) Jornal (d) Iritable

Q.39 (a) Griefe (b) Judgment
(c) Intarnal (d) Inveterate

Q.40 (a) Communicate (b) Incorigible
(c) I luminate (d) Fedral

Q.38 SUBSTANDARD (O)

- a. Beneficial
- b. Valuable
- c. Impoverished
- d. Excellent

Q.39 LAUNCH (O)

- a. Offset
- b. Desert
- c. Initiate
- d. Ship

Q.40 CONTENT (S)

- a. Constituent
- b. Part
- c. Material
- d. Satisfied

Q.41 SCALE (S)

- a. Balance
- b. Ruler
- c. Number
- d. Indication

Q.42 FIELD (S)

- a. Garden
- b. Park
- c. Pasture
- d. Area

Q.37 SEVERELY (O)

- a. Intensely
- b. Slightly
- c. Normally
- d. Minutely

Q.31 One act of Spying

- a. Blasphemy
- b. Espionage
- c. Anarchy
- d. Detection

Q.32 The Study of stars

- a. Astronomy
- b. Astrology

- c. Aphonia
- d. Cosmos

Q.33 That which is everlasting

- a. Never ending
- b. Endless
- c. Perennial
- d. Infirmly

Q.34 That which is no longer in use

- a. Useless
- b. Worth less
- c. Obsolete
- d. Useful

Q.35 To restrain by force

- a. Forceful
- b. Coerce
- c. Force ably
- d. Unwilling

Direction (for Q36 to Q40) only one word is correctly spelt. Choose that from a, b, c, d given below

Q.36 (a) Genral (b) Gazatte
(c) Gaiety (d) Galery

Q.37 (a) Equipped (b) Entred
(c) Harased (d) Hiden

Q.38 (a) Quarell (b) Qorum
(c) Pattient (d) Partial

Q.39 (a) Pursuit (b) Pallatial
(c) Murmer (d) Jelous

Q.11 OFFSET (O)

- a. Appreciate
- b. Damage
- c. Facilitate
- d. Imbalance

Q.12 COGNITIVE (S)

- a. Intellectual
- b. Rational
- c. Physical

d. Emotional

Q.13 ACCENTUATION (O)

a. Justification

b. Revolution

c. Proliferation

d. Mitigation

Q.14 PANACEA (S)

a. Helpful

b. Remedy

c. Description

d. Prescription

Q.15 SOLICITUDE (S)

a. Concern

b. Advocacy

c. Anger

d. Loneliness

Q.16 NAÏVE (O)

a. Reliable

b. Unsophisticated

- c. Sophisticated
- d. Real

Q.17 Apocryphal (O)

- a. Fake
- b. Spurious
- c. Apex
- d. Genuine

Q.18 IN CONGOUOUS (O)

- a. Inharmonious
- b. Harmonies
- c. Contradictory
- d. Lenient

Q.19 CONSENSUS (S)

- a. Collective opinion
- b. Consent
- c. Permission
- d. Sympathy

Q.20 OPAQUENESS (O)

- a. Brightness

- b. illuminating
- c. Transparency
- d. Invisible

Q.21 REDRESSAL (O)

- a. Stuffed
- b. Remedial
- c. Casual
- d. Complicatory

Q.22 BRAZEN (S)

- a. Modest
- b. Shameless
- c. Urbane
- d. Lunacy

Q.23 METAMORPHOSE (S)

- a. Translate
- b. Move
- c. Cleanse
- d. Moderate

Q.24 PROGENY (S)

- a. Follower
- b. Stick
- c. Off spring
- d. Admirer

Q.25 CLOAKED (O)

- a. Concealed
- b. Guised
- c. Cooled
- d. Declared

Q.26 LAMENT (O)

- a. Cheered
- b. Cried
- c. Roared
- d. Regretted

Q.27 DISCRETIONARY (O)

- a. Approval
- b. Harmony
- c. Limited
- d. Agreement

Q.28 SYNCHRONOUS (O)

- a. Out of phase
- b. Out of shape
- c. With ease
- d. With out difficulty

Q.29 DISSEMBLE (O)

- a. Appear promptly
- b. Put together
- c. Obtain easily
- d. Behave honesty

Q.30 LIST (O)

- a. Lie flat
- b. Be upright
- c. Sway to & fro
- d. Slide backward

Q.31 TRACTABLE (O)

- a. Head strong
- b. Logy
- c. Irritating
- d. Ruth less

Q.32 TREACHERY (O)

- a. Gratitude
- b. Generosity
- c. Loyally
- d. Tack

Q.33 ABUSING (S)

- a. ill treating
- b. Cusing
- c. Accusing
- d. Beating

Q.34 CONFRONT (S)

- a. Face
- b. Oppose
- c. Tolerate
- d. Fall

Q.35 VULNERABLE (S)

- a. Delicate
- b. Insecure
- c. Risky

d. Promising

Q.36 UNSTABLE (O)

a. Confine

b. Steady

c. Changing

d. Shaky

Q.1 To measure the speed of wind we use

- a. Barometer
- b. Thermometer
- c. Anemometer
- d. Hygrometer

Q.2 Bulls & Bears are associated with

- a. Banking
- b. Foreign Trade
- c. Stock Exchange market
- d. Insurance

Q.3 The function of World Bank is to

- a. Control World wide foreign exchange
- b. Give aid to developing countries
- c. Operate banks in different countries
- d. Provide industrial finance

Q.4 One of the following pairs maestro & the instruments . They play is NOT CORRECT, which one:

- a. ShivKumar Sharma – Santoor
- b. Zakir Hussain – Tabla
- c. Hari Prasad Chaurasia – Sitar
- d. Bismillah Khan – Shenai

Q.5 TRP in TV Ads stands for

- a. TV Rating Points
- b. TV Recall percentage
- c. TV Rating percentage
- d. None

Q.6 The Regulatory Authority for mutual Funds and stock market is

- a. Govt of India
- b. Stock Exchange
- c. Reserve Bank of India
- d. Securities and Exchange Board of India

Q.7 Currency of Japan is

- a. Baht
- b. Taka
- c. Yen
- d. Yuan

Q.8 Cow milk is rich source of

- a. Vitamin D
- b. Vitamin C
- c. Vitamin A

d. Vitamin B

Q.9 The Green Revolution increased the production of food grain by

- a. having high value crops
- b. using multiple cropping
- c. increasing the cultivated area
- d. enhancing the yield of existing available land

Q.10 Magasaysay award is named after the President of the Country _____?

- a. China
- b. Burma
- c. Philippines
- d. Canada

Q.11 Maximum Foreign Exchange for India is earned by

- a. Coffee
- b. Tea
- c. Spices
- d. Cashew

Q.12 Duration of Zero Hour in Lok Sabha is for

- a. One hour
- b. Half an hour

- c. One quarter of an hour
- d. Unlimited time

Q.13 Rupee's exchange value is determined with reference to

- a. The British Pound
- b. US Dollar
- c. Currencies of a few countries
- d. European Dollar

Q.14 Red Sea and Mediterranean Sea is connected by

- a. English Canal
- b. Black Sea
- c. Panama Canal
- d. Suez Canal

Q.15 Blood Vessels which bring back blood to heart are known as

- a. Coronary arteries
- b. Pulmonary veins
- c. Veins
- d. Pulmonary arteries

Q.16 On the retina of the eye the image formed is

- a. Real and enlarged

- b. Real and inverted
- c. Real and upright
- d. Virtual & upright

Q.17 So called a socialist economy is which

- a. encourages freedom of initiatives
- b. has government controls
- c. is profits oriented
- d. encourages private ownership

Q.18 Maximum Foreign Exchange by India is spent on import of

- a. Heavy machinery
- b. Electronics
- c. Edible oil
- d. Oil and petroleum products

Q.19 World's one fourth mineral deposit in India is

- a. Copper
- b. Iron
- c. Gold
- d. Mica

Q.20 WTO is helping in

- a. Trading with communist countries
- b. Trading with developing countries
- c. Trading with Socialist countries
- d. None

Q.21 For artificial ripening of fruits the gas used is

- a. Ethane
- b. Oxygen
- c. Ethylene
- d. Carbondioxide

Q.22 One millionth of a metre is

- a. decron
- b. centron
- c. micron
- d. none

Q.23 SDR is related to:

- a. WTO
- b. IMF
- c. WorldBank
- d. Asian Development Bank

Q.24 “Apiculture” means

- a. Rearing of honey bees
- b. Rearing of sheep
- c. Green house agriculture
- d. Rearing of fish

Q.38 What claims more lives than aids and malaria taken together:

- a. Heart a attacks
- b. Cancer
- c. T.B.
- d. Kidney failures

Q.39 The Abel prize is given to:

- a. Mathematicians
- b. Animators
- c. Magicians
- d. Anthropologists

Q.47 Battle fatigue is: -

- a. A kind of air craft
- b. Woman soldier’s uniform

- c. Clothes worn by manual worker
- d. A nervous disorder

Q.48 The Company that offered 7.2crores shares to the public in June 03.

- a. Reliance
- b. Tata group
- c. Maruti Udyog
- d. L & T

Q.49 Which of these is not in Amritsar: -

- a. Jalian wala bagh
- b. Nekchand's Rock garden
- c. Golden Temple
- d. Durgiana Temple

Q.50 Tom-Tom is a

- a. Pillar
- b. Truck
- c. Drum
- d. Boat

Q.51 Red is a colour believed to be used to depict: -

- a. Sorrow

- b. Love
- c. Pity
- d. Anger

Q.52 The home of the 2nd largest entertainment industry in the world.

- a. India
- b. USA
- c. UK
- d. Japan

Q.53 'P.C.' in pharmacy means: -

- a. Before a meal
- b. During a meal
- c. After a meal
- d. None

Q.54 Mahejabeen a great Hindi film star, we know her as

- a. Nargis
- b. Meena Kumari
- c. Madhubala
- d. Vijayanti Mala

Q.55 The first to get Bharat Ratna: -

- a. Morarji Desai
- b. Indira Gandhi
- c. Mother Teresa
- d. None

Q.56 Syces

- a. Groom horses
- b. Wear silver
- c. Eat, no food
- d. Learn science

Q.57 'In the family way' means

- a. Rich
- b. Familiar
- c. Like a family
- d. Pregnant

Q.58 Vaastu, the Sanskrit word means: -

- a. Sky
- b. Air
- c. Earth
- d. Water

Q.59 The most expensive Indian spice

- a. Turmeric
- b. Saffron
- c. Corriander
- d. None

Q.60 The Nobel peace prize is given in: -

- a. Oslo
- b. Bonn
- c. Helsinki
- d. Stockholm

Quantitative Aptitude

Q.15 There is a gathering and friends shake hands with each other so there are total 66 hand shakes. How many friends are there in the gathering

- a. 10
- b. 11
- c. 12
- d. 13

Q.16 Two taps C & D can fill the tank in 15 minutes and 20 minutes and tap can empty the full tank in 30 minutes. All the taps CD & E were kept open for 3 minutes and then tap E was closed. How many minutes more did it take to till the tank?

- a. $7 \frac{6}{7}$
- b. 6
- c. 7
- d. $8 \frac{3}{5}$

Q.17 A man saves 20% of his monthly income every month. His income during the 1st month was Rs.10000 which increases by Rs.500 every month. How much does he save in one year.

- a. Rs.30000
- b. Rs.28000
- c. Rs.24000
- d. Rs.30600

Q.18 A polygon has 90 diagonals. Find its number of sides

- a. 20
- b. 25
- c. 15
- d. 10

Q.19 Sunil repays his loan by paying Rs.8000 in the 1st month and further repays 60% of the payment made in previous month until he repays total loan. What is the amount of Loan taken by Sunil.

- a. 15000
- b. Rs.20000
- c. Rs.18600
- d. Rs.18800

Q.20 Take a cube of volume 512 m^3 and keep a cylinder on the cube and then keep a cone on the cylinder in such a way that the cone covers the whole top area of cylinder and the cylinder covers the maximum surface area of the side it is standing. Find the total height of the structure if the volume of cylinder is 704 m^3 and that of the cone is 352 m^3 .

- a. 25.6 m
- b. 27 m
- c. 39 m
- d. 43.5 m

Q.21 What is the approximate value of the following expression

$$13.81 + 4.19 + ? = 6.85 \times 6.99$$

- a. 25
- b. 27
- c. 28
- d. 30

Q.22 Find the missing fraction

$$6 \frac{2}{3} + 3 \frac{1}{12} + 3 \frac{1}{4} + ? = 13 \frac{1}{13}$$

- a. $5 \frac{1}{3}$
- b. $\frac{7}{13}$
- c. $\frac{3}{13}$
- d. none

Q.23 If $7\beta + 5 = 9\beta^2 - r = 5\beta + 2 \frac{1}{3}$ find the value of r

- a. $20 \frac{1}{3}$
- b. 12
- c. $13 \frac{2}{3}$
- d. none

Q.11 The ratio between the present ages of Ram and Ramesh is 3:5 but after 7 years it will be 2:3, the present age of Ramesh is:-

- a. 27 years

- b. 35 years
- c. 30 years
- d. 24 years

Q.12 Three-fifth of twenty percent of one- third of a number is 20. 18 percent of that number is:-

- a. 60
- b. 70
- c. 80
- d. 90

Q.13 3 Tables and 5 Chairs cost Rs17300. so the cost of twelve tables and twenty chairs is :-

- a. Rs.75000
- b. Rs.69200
- c. Rs.51900
- d. Rs.61000

Q.14 The price of 330 pens is Rs 3762. The approximate value of 57 such pens is:-

- a. Rs.480
- b. Rs.550
- c. Rs.650
- d. Rs.800

Q.15 The perimeter of a rectangle. In case the breadth of rectangle is equal to base of triangle so the length of rectangle is:-

- a. Data inadequate
- b. 12 cm
- c. 16 cm
- d. 24 cm

Q.16 Babloo purchased 25 kg of rice at the rate of Rs.28.50 per kg and 40 kg of rice at the rate of Rs.34.0 per kg and mixed two. He sold the mixture and earned 20 percent profit. The rate at which he sold the mixture per kg.

- a. Rs.36.40
- b. Rs.38.26
- c. Rs.40.0
- d. Rs.37.0

Q.17 Find the wrong number in the given sense:-

12, 30, 75, 187.5, 562, 1402.5, 3506

- a. 562
- b. 1402.5
- c. 75
- d. 3506

Q.18 The value in (?) is :-

$2\frac{2}{5}$ of 180 + 35% of 1640 = ? - 185.5

- a. 480.6

- b. 1005.5
- c. 680.5
- d. 1191.5

Q.19 The average age of 20 students in is 18 years including the age of their teacher. The average age of only students reduces by 2 years if teacher's age is excluded. The age of the class teacher is :-

- a. 40 years
- b. 50 years
- c. 58 years
- d. 45 years

Q.20 Deepak took a loan from bank @ 10% simple interest for first five years, 12% for next five years and 13% p.a. for the period beyond 10 years. At the end of 15 years he pays interest alone Rs.78750 = 0. He borrowed Rs.

- a. 80000
- b. 45000
- c. 60000
- d. 35000

Q.81 – 85 .

Production of Cars figures in, 000

Type	1999	2000	2001	2002	2003
I	72	85	63	87	98
II	43	51	64	59	71
III	38	47	57	65	82

IV	53	61	70	57	78
V	68	71	65	73	85
Total	274	315	319	341	414

Q.81 The production cars in 2003 is approximately --- many times the production in 1999.

- a. 2
- b. 2.5
- c. 1.5
- d. 3

Q.82 In which year type V car registered highest production to the total production of the year

- a. 2003
- b. 2002
- c. 2000
- d. 2001

Q.83 The type of car had steady increase in production over the given years.

- a. I
- b. IV
- c. III
- d. V

Q.84 Approximate percentage increase in production of type V car in the year 2003 as compared to 2001.

- a. 15
- b. 25
- c. 27
- d. 30

Q.85 Approximate percentage reduction in production of type I car in the year 2001 as compared to the year 2000

- a. 26
- b. 35
- c. 18
- d. 20

Q.86 – 88

Steel production in India from 1970 to 2000

Year	Steel production in million tons.
1970	5
1975	8
1980	10
1985	15
1990	18
1995	22
2000	30

Q.86 During which period the increase was lowest in terms of percentage.

- a. 1985-90
- b. 1975-80

- c. 1995-2000
- d. 1970-1975

Q.87 During which five period was the % age increase in steel production was second highest.

- a. 1995-2000
- b. 1980-85
- c. 1975-80
- d. 1985-90

Q.88 Assuming uniform increase in yearly production of steel, the year in which the 25 million tons mark was crossed :-

- a. 1996
- b. 1997
- c. 1998
- d. 1999

Q.89 – 92

Data _____ speed of train over a 4 hour period.

Time period in minutes	0	20	30	60	100	150	240
Speed of Train in km/hr.	20	30	50	60	70	80	90

Q.89 The speed of the train after 1 hour 40 minutes from the beginning.

- a. 60 km/hr
- b. 80 km/hr
- c. 90 km/hr
- d. None

Q.90 The speed of the train has increase by _____% age during four hours.

- a. 300 %
- b. 350 %
- c. 280 %
- d. 290 %