

Tuesday, November 2, 2010

CRPF HEAD CONSTABLE MIN. QUESTION PAPER

CRPF HEAD CONSTABLE MIN. EXAM

PART 1

FIND OUT THE SAME

1. DURGA GAYTRI MARG

PHONE 48893939

A. DURGA GAYTRI MARG

PHONE 8893939

B. DURGA AYTRI MARG

PHONE 48893939

C. 1. DURGA GAYTRI MARG

PHONE 48893939

D. 1. DGA GAYTRI MARG

PHONE 48893939

2. AMIT SAHU MAIN BAJAR

DEHRADUN PHONE 4888383

A. AMIT SAAHU MAIN BAJAR

DEHRADUN PHONE 4888383

B. AMIT SADHU MAIN BAJAR

DEHRADUN PHONE 4888383

C. AMIT SAHU MAIN BAJAAR

DEHRADUN PHONE 4888383

D. AMIT SAHU MAIN BAJAR

DEHRADUN PHONE 4888383

3. VINIT SANTI NAGAR

NEAR COAL FACTORY

PIN 2510021

A. VINIT SANTI NAGAR

NEAR COAL FAOTORY

PIN 2510021

B. VINIT SANTI NAGAR

NEAR COAL FACTORY
PIN 2510021
C. VINIT SANTI NAGAR
NEAR COAL FECTORY
PIN 2510021
D. VINIT SANTI NAGAR
NEAR COAL FACTORY
PIN 25100DD

4. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939

A. ANKIT KUMAR MAIN ROAD
DELHI PIN 74743939
B. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939
C. ANKIT KUMAR MAIN ROAD
DELHI PIN 47473939
D. ANKIT KUMAR MAIN RQAD
DELHI PIN 474743939

5. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939
A. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939
B. ANKIT KUMAR MAEN ROAD
DELHI PIN 474743939
C. ANKIT KUMAR MAN ROAD
DELHI PIN 474743939
D. ANKIT KUMAR MAIN ROAD
DELHI PIN. 474743939

6. RISHI JAIN PRAM HANSH
ROAD BADA BAJAR
A. RISHI JAIN PRAM HANSH
ROAD BADA BAJAR
B. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939
C. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939
D. ANKIT KUMAR MAIN ROAD
DELHI PIN 474743939

7. SUMIT SAHU RANI KA BAAG
NEAR RAILWAY STATION
LUXMI NAGAR
A. SUMIT SAHU RANI. KA BAAG

NEAR RAILWAY STATION
LUXMI NAGAR
B. SUMIT SAHU RANI KA BAAG
NEAR RALWAY STATION
LUXMI NAGAR
C. SUMIT SAHU RANI KA BAAG
NEAR RAILWAY STATION
LUXMI NAGA
D. SUMIT SAHU RANI KA BAAG
NEAR RAILWAY STATION
LUXMI NAGAR

8. RANI JI SADAR MARKET
NEAR MAIN ROAD DELHI
A. RANI JEE SADAR MARKET
NEAR MAIN ROAD DELHI
B. RANI JE SADAR MARKET
NEAR MAIN ROAD DELHI
C. RANI JI SDAR MARKET
NEAR MAIN ROAD DELHI
D. RANI JI SADAR MARKET
NEAR MAIN ROAD DELHI

9. SANU RAJA MOHAN NAGAR
PIN 251001 UTTAR PRADESH

A. SANU RAJA MOHAN NAGAR
PIN 25100 UTTAR PRADESH
B. SANU RAJA MOHAN NAGAR
PIN 25100 UTTAR PRADESH
C. SANU RAJA MOHAN NAGAR
PIN 251005 UTTAR PRADESH
D. SANU RAJA MOHAN NAGAR
PIN 251001 UTTAR PRADESH

10. MOHAN DAS NAGAR
PIN 3939303

A. MOHAN DAS NAGAR
PIN 3939303
B. MOHAN DAS NAGAR
PIN .3939303
C. MOHAN DAS NAGAR
PIN.. 3939303
D. MOHAN DAS NAGAR
PIN 939303

11. 2, OCT. 1988
A. 2 OCT. 1988
B. 2, OCT. 198
C. 2, OCT. 1988
D. 2, OCT 1988

12. 3 MARCH 2003
MONDAY

A. 3 MARCH 203
MONDAY
B. 3 MARCH 2003
MONDAY
C. 3 MARCH 2003
MONDA
D. 3 MARCH 2003
MONDAY

13. 12 JUNE. 1766 MON.

A. 12 JUNE. 1866 MON.
B. 12 JUN 1766 MON.
C. 12 JUNE. 1766 MON.
D. 12 JUNE. 1766 MON

14. 21 MAY, DAY THU.

A. 21 MAY, DAY TGU.
B. 21 MAY, DAY FRI.
C. 21 MAY, DAY SUN.
D. 21 MAY, DAY THU.

15. 9/01/66

A. 9/01/69
B. 9/01/69
C. 9/07/66
D. 9/01/66

16. 6/6/2006

A. 6/6/2000
B. 6/6/2006
C. 6/6/206
D. 6/06/2006

17. 4/2/2009

- A. 4/2/2009
- B. 4/2/20000
- C. 4/2/2
- D. 4/2/20009

18 23/MAY/1980

- A. 23/MAY/19.80
- B. 23/MAY/19,80
- C. 23/MAY/1980
- D. NONE OF ABOVE

19. MANIKAIIDNDHAIY

- A. MANIKAIIDNDHAIY
- B. MANIKAIIDGDHAIY
- C. MANIKAIIDDDHAIY
- D. MANIKAIIDDDHAIY

20 AYELURKHAKDI

- A. AYELURKHAKDDI
- B. AYELURKHAKDDI
- C. AYELURKHSAKDI
- D. AYELURKHAKDI

21. TYUOIEROQELE

- A. TYUOIEROQELE
- B. TYUOIERDOQELE
- C. TYUAOIEROQELE
- D. TYXUOIEROQELE

22. TUOWWNKDKHFJD

- A. TUOWWKDKHFJD
- B. TUOWWNKDFHJD
- C. TUOWWNKDKHFJDD
- D. TUOWWNKDKHFJD

23. 73939337483993

- A. 73939337483993
- B. 7393933483993
- C. 73939337 483993
- D. 7393937483993

24. %%^^&**((&%%

- a. % % ^ ^ & * ((& % %
- B. % % ^ ^ & * \ ((& % %
- C. % % ^ ^ & * * (& % %
- D. % % ^ ^ & * * ((& % %

25. RTIRTI RTI RVI
 A. RTIRTI RVI RVI
 B. RTIRTI RGI RVI
 C. RTIRTI RHHI RVI
 D. RTIRTI RTI RVI

26- 35) THERE ARE SOME CODES
 WRITE CORRECT ANSWER ACCORDING
 TO THE CODES

WORDS Q = 11

Z = 4

A = 26

B = 35

N = 13

M = 14

E = 5

L = 15

26. Q M E M B = ?

27. LZABNMEL = ?

28. BNMELQZBA = ?

29. LMNBAQ = ?

30. ELBA = ?

31. NBAAZ = ?

32. LEMNZ = ?

33. LLBEE = ?

34. NBZZ = ?

35. EBBAQQ = ?

36-50) IF A = 1 B = 2 C = 3.....Z = 26

36. BARFENE =
37. DKYUANJ =
38. DIDUJFA =
39. KDUFULS =
40. KDURKHEU =
41. ASFDIO =
42. KDJFEL -
- 43 KDUIORJELA =
44. EOEOOE =
45. OEIROE =
46. DUTIEOAN =
47. IENFKDJN =
48. KDJUR =
49. REIOEPW =
50. KJDKAJEUIEEME =

PART - II

Directions (Qs. 1 to 8) : In these questions, select the related letters/ words/ numbers/figures from the given alternatives.

1. Taste : Tongue :: Walk : ?
- (a) Pavement
- (b) Crutch
- (c) Legs
- (d) Walking stick
- Ans: (c) Legs

2. CHIMNEY : SMOKE :: _____ : _____
- (a) Gun : Bullet

- (b) House : Roof
 - (c) Clay : Ceramic
 - (d) Tea : Kettle
- Ans: (a) Gun : Bullet

3. DCHG : LIKQP : : FEJI : ?

- (a) MLSR
- (b) NMRQ
- (c) ONTS
- (d) QPUT

Ans: (None)

4. CAD : FDG : : XZW : ?

- (a) IQJ
- (b) CAD
- (c) ZBY
- (d) UWT

Ans: (d) UWT

5. 5 : 124 : : 7 : ?

- (a) 342
- (b) 343
- (c) 248
- (d) 125

Ans: (a) 342

6. 3265 : 4376 : : 4673 : ?

- (a) 2154
- (b) 5487
- (c) 3562
- (d) 5784

Ans: (d) 5784

Directions (Qs. 7 to 12) : In these questions, select the response which is different from the other three responses.

7. (a) Telephone
(b) Tape-Recorder
(c) Transistor
(d) Telescope

Ans: (d) Telescope

8. (a) Glue
(b) Oil
(c) Paste
(d) Cement

Ans: (b) Oil

9. (a) XZUS
(b) OQLJ

- (c) HJFE
 (d) FHCA
 Ans: (c) HJFE

10. (a) KNPS
 (b) RUWZ
 (c) MPRU
 (d) PRSU
 Ans: (d) PRSU

11. (a) 26 ? 62
 (b) 36 ? 63
 (c) 46 ? 64
 (d) 56 ? 18
 Ans: (d) 56 ? 18

12. (a) 6958
 (b) 7948
 (c) 6895
 (d) 9783
 Ans: (d) 9783

Directions (Qs. 13) : In this question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

13. m__nm__n__an__a__ma__
 (a) amammn
 (b) aammnn
 (c) ammanm
 (d) aamnan
 Ans: (b) aammnn

Directions (Qs. 14 to 17) : In these questions, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

14. A, c, f, j, ?, ?
 (a) ou
 (b) mo
 (c) lp
 (d) rv
 Ans: (a) ou

15. QYK, ?, ISG, EPE
 (a) NWJ
 (b) MVI
 (c) NVI
 (d) MVJ
 Ans: (b) MVI

16. 10, 22, 46, 94 ?

- (a) 180
- (b) 184
- (c) 190
- (d) 140

Ans: (c) 190

17. 110, 132, 156, ?, 210

- (a) 162
- (b) 172
- (c) 182
- (d) 192

Ans: (c) 182

Directions (Qs. 18 to 22) : In these questions, which one of the given responses would be a meaningful order of the following words?

18. (1) Book (2) Words
(3) Letters (4) Sentences
(5) Chapters (6) Pages

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

Ans: (d) 3 2 4 6 5 1

19. (1) Probation (2) Interview
(3) Selection (4) Appointment
(5) Advertisement (6) Application

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

Ans: (c) 5 6 2 3 4 1

20. If E = 5, PEN = 35, then PAGE = ?

- (a) 28
- (b) 29
- (c) 36
- (d) 27

Ans: (b) 29

21. If the word 'PORTER' can be coded as 'MBNZQN', then how can 'REPORT' be written?

- (a) NQMBNZ
- (b) NQBMNZ
- (c) NBQMNZ
- (d) NQMNBZ

Ans: (a) NQMBNZ

22. In a certain code, the words 'COME AT ONCE' were

written as XLNVZGLMXV. In the same code which of the following would be ?OK? ?

- (a) LM
- (b) LP
- (c) KM
- (d) KL

Ans: (b) LP

Directions (Qs. 23) : In this question, you have to identify the correct response from the given premises stated according to following symbols.

23. If ?+? means ?minus?, ?-? means ?multiplication?, ?□? means ?plus? and ?x? means ?division, then

$$15 \text{ ? } 3 + 10 \times 5 \square 5 =$$

- (a) 52
- (b) 48
- (c) 22
- (d) 5

Ans: (b) 48

Directions (Qs. 24) : In this question, find the missing number from the given response.

24. 8 7 10 12

13 12 15 17

10 9 ? 14

- (a) 12
- (b) 10
- (c) 21
- (d) 25

Ans: (a) 12

Directions (Qs. 25) : From the given alternative words select the word which cannot be formed using the letters of the given word.

25. Given word : ADMINISTRATION

- (a) STATION
- (b) TRADITION
- (c) MINISTER
- (d) RATION

Ans: (c) MINISTER

Directions (Qs. 26) : A word given in Capital letters is followed by four answer words. Out of these only one can be formed by using the letters of the given word. Find out that word.

26. IMMEDIATELY

- (a) DIAMETER
- (b) DICTATE
- (c) LIMITED

(d) DIALECT

Ans: (c) LIMITED

27. Suresh starts from a point, walks 2 miles towards the south, turns right and walks $1\frac{1}{2}$ miles, turns left and walks $\frac{1}{2}$ mile and then he turns back. What is the direction he is facing now?

(a) East

(b) West

(c) South

(d) North

Ans: (d) North

28. Ashok wants to book a ticket to Madurai. He starts and covers 5 km to reach the Booking Office which is in the East of his house. From there he turns to the North towards the market by traveling 3 km. From there he turns left to his friend Sandeep's house which is 5 km away. Now he has to get back to his house. How many km he has to cover to reach his house?

(a) 8 km

(b) 3 km

(c) 5 km

(d) 6 km

Ans: (b) 3 km

29. The age of X is $\frac{2}{3}$ rd that of Y. After 6 years, X will be 46 years old. The present age of Y is

(a) 40 years

(b) 56 years

(c) 60 years

(d) 100 years

Ans: (c) 60 years

30. A is B's brother, C is A's mother, D is C's father, E is B's son. How is D related to A ?

(a) Son

(b) Grandson

(c) Grandfather

(d) Great Grandfather

Ans: (c) Grandfather

31. In a store, 5 articles A, B, C, D and E are priced differently. Value of C is Rs. 100. A is cheaper than C but costlier than B. E is costlier than C but cheaper than D. Which of the articles is the costliest ?

(a) D

(b) E

(c) B

(d) A

Ans: (a) D

32. Read The following information to answer this question :

- (i) A B C D E F are six family members
- (ii) There is one Doctor, one Lawyer, one Engineer, one Pilot, one Student and one Housewife.
- (iii) There are two married couples in the family.
- (iv) F, who is a Lawyer, is the father of A.
- (v) B is a Pilot and is mother of C.
- (vi) D is grandmother of C and is a housewife.
- (vii) E is father of F and is a Doctor.
- (viii) C is brother of A.

How many female members are there in the family?

- (a) One
- (b) Two
- (c) Three
- (d) Four

Ans: (?)

PART III

Directions (Qs. 1?15) : Read the following passage carefully and answer the questions given below it. Certain words/phrases are printed in bold to help you to locate them while answering some of the questions.

The wise old Wazir was Famous for his judgement and people came to him for justice from all parts of the country.

One-day two men came to his court and claimed ownership of an extraordinarily good-looking horse. It was a black beauty indeed. One of the men was tall, very well dressed and soft-spoken. The other one was just the opposite. Each of them said that the horse was his. The Wazir heard them patiently and asked them to leave the horse and come to him next morning. Both the men came the next morning. The Wazir asked his soldiers to give the horse to the tall man and to arrest the other man. The tall man wanted to know how the Wazir had learnt the truth. ?Very simple?, said he, ?Firstly, a man of your appearance and manners could not have been the thief. Still, I wanted to be sure, just after you had left the court. I asked one of my soldiers to leave the horse free and to see whom it followed. It went after you. This hint was enough for me.?

1. Which of the following best describes the other man?

- (A) Ill-dressed, short-statured, loud-voice

- (B) Tall, ill-dressed, courteous
 - (C) Not well-dressed, short but good mannered
 - (D) Thin, poorly-built, harsh in expression
- Ans: (A) Ill-dressed, short-statured, loud-voice

2. The Wazir discovered the real owner of the horse---
- (A) by arresting the other man
 - (B) from the appearance and good manners of the tall man
 - (C) by knowing whom the horse followed
 - (D) by leaving the horse free
- Ans: (C) by knowing whom the horse followed

3. With the Wazir's wisdom, the tall man was--
- (A) consoled
 - (B) impressed
 - (C) undecided
 - (D) confused
- Ans: (B) impressed

4. People came to the Wazir from all places because he was ---
- (A) a wise judge
 - (B) very famous
 - (C) an old judge
 - (D) an old Wazir
- Ans: (A) a wise judge

5. The story proves that ---
- (A) the court soldiers were very smart
 - (B) the judge was quite old
 - (C) the horse was very clever
 - (D) the judge was indeed quite intelligent
- Ans: (D) the judge was indeed quite intelligent

Directions (Qs. 6?10) : Which of the following is most nearly the same in meaning as the word/group of words as printed in bold as used in the passage?

6. Claimed
- (A) Demanded as a right
 - (B) Promised
 - (C) Declared
 - (D) Possessed
- Ans: (A) Demanded as a right

7. Followed
- (A) Pursued
 - (B) Owned
 - (C) Went after
 - (D) Interrupted
- Ans: (C) Went after

8. Hint

- (A) Advice
- (B) Clue
- (C) Truth
- (D) Nod

Ans: (B) Clue

9. Patiently

- (A) Politely
- (B) Willingly
- (C) Sufficiently
- (D) Calmly

Ans: (D) Calmly

10. Still

- (A) However
- (B) Calm
- (C) Quiet
- (D) Though

Ans: (A) However

Directions (Qs. 11?15) : Which of the following is most opposite in meaning of the word printed in bold as used in the passage ?

11. Extraordinarily

- (A) Exceptionally
- (B) Unusually
- (C) Exactly
- (D) Plainly

Ans: (D) Plainly

12. Sure

- (A) Promising
- (B) Definite
- (C) Unfaithful
- (D) Uncertain

Ans: (B) Definite

13. Famous

- (A) Gentle
- (B) Notorious
- (C) Easily known
- (D) Widely known

Ans: (B) Notorious

14. Arrest

- (A) Trap
- (B) Imprison
- (C) Catch attention
- (D) Release

Ans: (D) Release

15. Enough

(A) Inadequate

(B) Sufficient

(C) Understandable

(D) Scarce

Ans: (D) Scarce

Directions (Qs. 16?25) : There is a mistake in each of the following sentences. Find out the part in which the mistake occurs.

16. (A) The travel / (B) across the sandy desert / (C) was an exhausting one / (D) for the caravan.

Ans: (A)

17. (A) No sooner did / (B) he announce the / (C) tour the children / (D) screamed with great joy.

Ans: (C)

18. (A) His only / (B) frame to claim is that / (C) he is the son of / (D) a rich man.

Ans: (B)

19. (A) It did not / (B) take me very long / (C) to size up my / (D) fellow interviewees.

Ans: (C)

20. (A) I am pleased to sanction / (B) one special increment / (C) to all the employees / (D) with this month.

Ans: (D)

21. (A) I will put on / (B) a note in this regard / (C) for your consideration / (D) and necessary decision.

Ans: (A)

22. (A) If the teacher / (B) is good the students / (C) will respond / (D) positively to them.

Ans: (D)

23. (A) Rajesh has collected / (B) all the necessary documents / (C) and have written a good paper / (D) for his conference.

Ans: (C)

24. (A) The old chap / (B) who lives in the little / (C) hut on the beach / (D) seems to be a real odd bird.

Ans: (D)

25. (A) I have been racking / (B) my brain all the days to

remember / (C) the name of the agency / (D) that Sheila recommended.

Ans: (B)

Directions (Qs. 26?35) : Give one word for each of the following utterances :

26. A person who does not believe in any religion--

- (A) Philatelist
- (B) Rationaslist
- (C) Atheist
- (D) Pagan

Ans: (D) Pagan

27. A post without remuneration--

- (A) Voluntary
- (B) Sinecure
- (C) Honorary
- (D) Involuntary

Ans: (C) Honorary

28. A person who rules without consulting the opinion of others--

- (A) Democrat
- (B) Bureaucrat
- (C) Autocrat
- (D) Fanatic

Ans: (C) Autocrat

29. Through which light cannot pass--

- (A) Dull
- (B) Dark
- (C) Obscure
- (D) Opaque

Ans: (D) Opaque

30. A person who brings goods illegally into the country--

- (A) Exporter
- (B) Importer
- (C) Smuggler
- (D) Imposter

Ans: (C) Smuggler

31. A person who has just started learning--

- (A) Foreman
- (B) Accomplice
- (C) Novice
- (D) Apprentice

Ans: (C) Novice

32. A person interested in reading books and nothing else--

- (A) Student
- (B) Book worm
- (C) Scholar
- (D) Book keeper

Ans: (B) Book worm

33. One who resides in a country of which he is not citizen--

- (A) Alien
- (B) Native
- (C) Foreigner
- (D) Prodigal

Ans: (A) Alien

34. Anything which destroys the effect of poison--

- (A) Serum
- (B) Antiseptic
- (C) Seramycin
- (D) Antidote

Ans: (D) Antidote

35. A cure for all diseases--

- (A) Exorcism
- (B) Incantation
- (C) Panacca
- (D) Antibiotic

Ans: (C) Panacca

Directions (Qs. 36?40) : In the following items there is a word odd in one respect or another from the rest. Identify such words.

36. (A) Goal

- (B) Guile
- (C) Gall
- (D) Whole

Ans: (D) Whole

37. (A) Whole

- (B) Full
- (C) Fool
- (D) Complete

Ans: (C) Fool

38. (A) On

- (B) Upon
- (C) Than
- (D) Over

Ans: (C) Than

39. (A) Bring

- (B) Going

- (C) Coming
 (D) Rinning
 Ans: (A) Bring

40. (A) A
 (B) An
 (C) The
 (D) That
 Ans: (D) That

Directions (Qs. 41?45) : In each question below four words are given. One of which is correctly spelt. Choose the word with correct spelling.

41. (A) Disguise
 (B) Desguise
 (C) Disguese
 (D) Disgiuse
 Ans: (A) Disguise

42. (A) Buccaner
 (B) Buccanner
 (C) Bucaneer
 (D) Buccaneer
 Ans: (D) Buccaneer

43. (A) Experence
 (B) Experince
 (C) Experience
 (D) Exparience
 Ans: (C) Experience

44. (A) Pionear
 (B) Pioneer
 (C) Pyoneer
 (D) Pienear
 Ans: (B) Pioneer

45. (A) Achievement
 (B) Achievment
 (C) Acheivement
 (D) Achivement
 Ans: (A) Achievement

Directions (Qs. 46?50) : In each of the following passages, there are blanks each of which has been numbered. These numbers are printed below the passage and against each. Some words are suggested, one of which fits the blank appropriately. Find out the appropriate words.

PASSAGE :

We will be crushed if civil ?(46)? is started. It will be

?(47)? to the clock. The technique of ?(48)? against it has been ?(49)? We may have to wait ?(50)? a year or more for a suitable

46. (A) riot
(B) disturbance
(C) war
(D) disobedience
Ans: (D) disobedience

47. (A) damage
(B) reversal
(C) setback
(D) rewinding
Ans: (C) setback

48. (A) defence
(B) protection
(C) fighting
(D) guarding
Ans: (C) fighting

49. (A) learnt
(B) practised
(C) rehearsed
(D) perfected
Ans: (D) perfected

50. (A) at least
(B) minimum
(C) for
(D) approximately
Ans: (A) at least

PART IV

101. IF A - 1 B- 2 C - 3 ACDF+ EFC=

102. $12098+547890-9987=$

103. $1/2+1/4+1/5=$

104. $786543+99087/56=$

105. $z=1$ $a=26$ $c=?$

106. The value of $52 + 62 + \dots + 102 + 202$

- (a) 755
- (b) 760
- (c) 765
- (d) 770

Ans: (a) 755

107. The sum of the first 8 terms of a geometric progression is 6560 and the common ratio is 3. The first term is

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

Ans: (b) 2

108. How many even three-digit numbers can be formed from the digits 1, 2, 5, 6 and 9 without repeating any of the digits ?

- (a) 120
- (b) 48
- (c) 40
- (d) 24

Ans: (d) 24

109. A and B, working separately, can do a piece of work in 10 and 15 days respectively. If they work on alternate days beginning with A, then in how many days will the work be completed?

- (a) 18 days
- (b) 13 days
- (c) 12 days
- (d) 6 days

Ans: (c) 12 days

110. Two pipes can fill a tank separately in 20 minutes and 30 minutes respectively. If both the pipes are opened simultaneously, then the tank will be filled in

- (a) 10 minutes
- (b) 12 minutes
- (c) 15 minutes
- (d) 25 minutes

Ans: (b) 12 minutes

111. A can complete a work in 6 days while B can complete the same work in 12 days. If they work together and complete it, then the portion of the work done by A is

- (a) $\frac{1}{3}$

(b) $\frac{2}{3}$

(c) $\frac{1}{4}$

(d) $\frac{1}{2}$

Ans: (b) $\frac{2}{3}$

112. If the radius of a cylinder is decreased by 50% and the height is increased by 50% to form a new cylinder, then the volume will be decreased by

(a) 0%

(b) 25%

(c) 62.5%

(d) 75%

Ans: (c) 62.5%

113. The circum-radius of an equilateral triangle is 8 cm. The in-radius of the triangle is

(a) 3.25 cm

(b) 3.50 cm

(c) 4 cm

(d) 4.25 cm

Ans: (c) 4 cm

114. The missing term in the sequence 0, 3, 8, 15, 24, ?.., 48

(a) 35

(b) 30

(c) 36

(d) 39

Ans: (a) 35

115. If $(1012 + 25)^2 - (1012 - 25)^2 = 10n$, then the value of n is

(a) 20

(b) 14

(c) 10

(d) 5

Ans: (b) 14

116. The sum of first sixty numbers from one to sixty is divisible by

(a) 13

(b) 59

(c) 60

(d) 61

Ans: (d) 61

117. A discount series of 10%, 20% and 40% is equal to a single discount of

(a) 50.0%

(b) 56.8%

(c) 60.2%

(d) 70.28%

Ans: (b) 56.8%

118. A sells a scooter priced at Rs. 36,000. He gives a discount of 8% on the first Rs. 20,000 and 5% on the next Rs. 10,000. How much discount can he afford on the remaining Rs. 6,000 if he is to get as much as 7% discount on the total ?

(a) 5%

(b) 6%

(c) 7%

(d) 8%

Ans: (c) 7%

119. The marked price of an electric iron is Rs. 690. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed, then his gain percent would be

(a) 20%

(b) 24%

(c) 25%

(d) 28%

Ans: (a) 20%

120. The ratio of the ages of two boys is 5 : 6. After two years the ratio will be 7 : 8. The ratio of their ages after 10 years will be

(a) 15 : 16

(b) 17 : 18

(c) 11 : 12

(d) 22 : 24

Ans: (a) 15 : 16

121. The sum of three numbers is 116. The ratio of the second to the third is 9 : 16 and of the first to the third is 1 : 4. The second number is

(a) 30

(b) 32

(c) 34

(d) 36

Ans: (b) 32

122. Rs. 180 are to be divided among 66 persons (men and women). The ratio of the total amount of money received by men and women is 5 : 4. But the ratio of the money received by each man and woman is 3 : 2. The number of men is

(a) 20

(b) 24

(c) 30

(d) 36

Ans: (d) 36

123. The average of a collection of 20 measurements was calculated to be 56 cm. But later it was found that a mistake had occurred in one of the measurements which was recorded as 64 cm, but should have been 61 cm. The correct average must be

- (a) 53 cm
- (b) 54.5 cm
- (c) 55.85 cm
- (d) 56.15 cm

Ans: (c) 55.85 cm

124. The average weight of 12 parcels is 1.8 kg. Addition of another new parcel reduces the average weight by 50 g. What is the weight of the new parcel?

- (a) 1.50 kg
- (b) 1.10 kg
- (c) 1.15 kg
- (d) 1.01 kg

Ans: (c) 1.15 kg

125. The average age of 20 boys in a class is 12 years. 5 new boys are admitted to the class whose average age is 7 years. The average age of the boys in the class becomes

- (a) 8.2 years
- (b) 9.5 years
- (c) 12.5 years
- (d) 11 years

Ans: (d) 11 years

126. If $3x+3 + 7 = 250$, the x is equal to

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

Ans: (c) 2

127. A die with faces numbered from 1 to 6 is thrown twice. The probability, that the numbers shown up differ by 2, is

- (a) $\frac{1}{9}$
- (b) $\frac{2}{9}$
- (c) $\frac{3}{9}$
- (d) $\frac{4}{9}$

Ans: (b) $\frac{2}{9}$

128. In the sequence of numbers 5, 8, 15, 20, 29, 40, 53, one number is wrong. The wrong number is

- (a) 15
- (b) 20

(c) 29

(d) 40

Ans: (a) 15

129. $1 + 2 + 3 + \dots + 49 + 50 + 49 + 48 + \dots + 3 + 2 + 1$

is equal to

(a) 1250

(b) 2500

(c) 2525

(d) 5000

Ans: (b) 2500

130. The surface area of a sphere is 64π cm² its diameter is

equal to

(a) 16 cm

(b) 8 cm

(c) 4 cm

(d) 2 cm

Ans: (b) 8 cm

131. Each of the height and base radius of a cone is increased by 100%. The percentage increase in the volume of the cone is

(a) 700%

(b) 400%

(c) 300%

(d) 100%

Ans: (a) 700%

132. A television and a refrigerator were sold for Rs. 12,000 each. If the television was sold at a loss of 20% of the cost and the refrigerator at a gain of 20% of the cost, then the entire transaction resulted in

(a) No loss or gain

(b) Loss of rs. 1,000

(c) Gain of rs. 1,000

(d) Loss of Rs. 1,200

Ans: (b) Loss of rs. 1,000

133. A person sells a table at a profit of 10%. If he had bought the table at 5% less cost and sold for Rs. 80 more, then he would have gained 20%. The cost price of the table is

(a) Rs. 3,200

(b) Rs. 2,500

(c) Rs. 2,000

(d) Rs. 200

Ans: (c) Rs. 2,000

134. By selling an article at $\frac{2}{3}$ of the marked price, there is a loss of 10%. The profit percent, when the article is

sold at the marked price, is

- (a) 20%
- (b) 30%
- (c) 35%
- (d) 40%

Ans: (c) 35%

135. A moving train, 66 metres long, overtakes another train 88 metres long, moving in the same direction in 0.168 minutes. If the second train is moving at 30 km/r, then at what speed is the first train moving ?

- (a) 85 km/hr
- (b) 50 km/hr
- (c) 55 km/hr
- (d) 25 km/hr

Ans: (a) 85 km/hr

136. A man observed that a train 120 m long crossed him in 9 seconds. The speed (in km/hr) of the train was

- (a) 42
- (b) 45
- (c) 48
- (d) 55

Ans: (c) 48

137. A constable is 114 metres behind a thief. The constable runs 21 metres and the thief 15 metres in a minute. In what time will the constable catch the thief ?

- (a) 19 minutes
- (b) 18 minutes
- (c) 17 minutes
- (d) 16 minutes

Ans: (a) 19 minutes

138. Joseph's salary is reduced by 10%. In order to have his salary back to his original amount, it must be raised by

- (a) 12.5%
- (b) $11 \frac{1}{9}$ %
- (c) 10%
- (d) 11%

Ans: (b) $11 \frac{1}{9}$ %

139. How many positive integers less than 1000 are multiples of 11 whose square roots are whole numbers ?

- (a) 2
- (b) 4
- (c) 8
- (d) 11

Ans: (a) 2

140. The digit in the unit's place of the product $(2137)754$ is

- (a) 1
- (b) 3
- (c) 7
- (d) 9

Ans: (d) 9

141. The smallest square number divisible by 10, 16 and 24 is

- (a) 900
- (b) 1600
- (c) 2500
- (d) 3600

Ans: (d) 3600

142. If the compound interest on a sum of money for 3 years at the rate of 5% per annum is Rs. 252.20, then the simple interest on the same sum at the same rate and for the same time is

- (a) Rs. 220
- (b) Rs. 240
- (c) Rs. 245
- (d) Rs. 250

Ans: (b) Rs. 240

143. On a certain sum of money, the compound interest for 2 years is Rs. 282.15 and the simple interest for the same period of time is Rs. 270. The rate of interest per annum is

- (a) 6.07%
- (b) 10%
- (c) 9%
- (d) 12.15%

Ans: (c) 9%

144. What sum of money at compound interest will amount to Rs. 650 at the end of the first year and Rs. 676 at the end of the second year ?

- (a) Rs. 600
- (b) Rs. 600.25
- (c) Rs. 625
- (d) Rs. 625.25

Ans: (c) Rs. 625

145. A and B together can do a piece of work in 12 days, B and C together in 15 days and C and A together in 20 days. In how many days, can A, B and C together do it ?

- (a) 5 days
- (b) 10 days
- (c) 24 days
- (d) 30 days

Ans: (b) 10 days

146. The measures of the angles of a triangle are in the ratio 2 : 7 : 11. Measures of the angles are

- (a) 160, 560, 880
- (b) 180, 630, 990
- (c) 200, 700, 900
- (d) 250, 1750, 1050

Ans: (b) 180, 630, 990

147. The ratio of the cost price and the selling price of an article is 5 : 6. What is the percentage of profit ?

- (a) 20%
- (b) 15%
- (c) 12.5%
- (d) 10%

Ans: (a) 20%

148. Which number is 40% less than 90 ?

- (a) 36
- (b) 54
- (c) 50
- (d) 60

Ans: (b) 54

149. $(32)^3 + (79)^3 - (111)^3 + 3 \times 32 \times 79 \times 111$ is equal to

- (a) 10000
- (b) 0
- (c) 30007
- (d) 1

Ans: (b) 0

150. If the ratio of two numbers is 2 : 3 and their L.C.M. is 54, then the sum of the two numbers is

- (a) 5
- (b) 15
- (c) 45
- (d) 270

Ans: (c) 45
