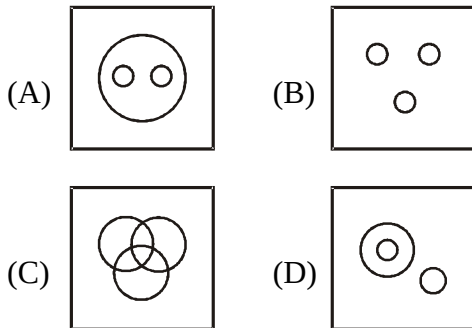


PART-I
GENERAL INTELLIGENCE AND REASONING

1. Indicate which figure will best represent the relationship among Birds, Crows, Eagles :



2. Neela is now three times as old as her daughter Leela. Ten years back, Neela was five times as old as Leela. The age of Leela is :
(A) 15 (B) 25
(C) 30 (D) 20

- Direction (3 - 7) :** P, Q, R, S, T, U, V and W sitting round the circle and are facing the centre
(i) P is second to the right of T who is the neighbour of R and V
(ii) S is not the neighbour of P
(iii) V is the neighbour of U
(iv) Q is not between S and W. W is not between Q and S

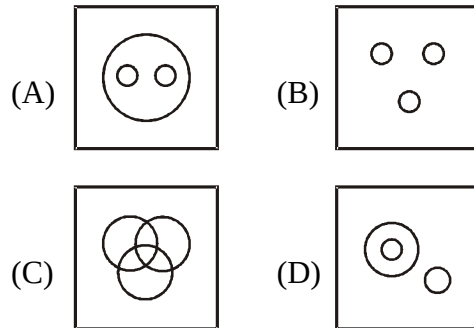
3. Which two of the following are not neighbours :
(A) UV (B) TR
(C) PW (D) SW

4. Who is the neighbour of W ?
(A) U (B) V
(C) R (D) S

5. Who is the second right of R?
(A) Q (B) W
(C) S (D) V

6. Who is in the middle of S and V ?
(A) U (B) R
(C) P (D) Q

1. fuEukafr fpa=dkSu&lk fpfM+;k] dkSvk bZxy ds chp lEcU/k dks iznf" kZr djrk g



2. uhyk viuh csVh yhyk ls rhu xq.kk cqM igys uhyk] yhyk xqM dkMkhA rks yhyk vk;q gSA
(A) 15 (B) 25
(C) 30 (D) 20

- Direction (3 - 7) :** P, Q, R, S, T, U, V and W sitting round the circle and are facing the centre
(i) P, T nk;s ls nwliK gS tks fdy dk iM+kslh gSA
(ii) S, P iM+kslh ugha gSA
(iii) V, U dk iM+kslh gSA
(iv) Q, S rFkk W ds chpaesgha, gS Fkk ds chpaesgha gSA

3. fuEufyf[kar es dkSu lk ;qXe ,d nwliS ds ugha gS\
(A) UV (B) TR
(C) PW (D) SW

4. w dk iM+kslh dkSu gS \
(A) U (B) V
(C) R (D) S

5. R ls nk;s nwliK dkSu gS\
(A) Q (B) W
(C) S (D) V

6. s rFkk W ds chpaesgha dkSu gS \
(A) U (B) R
(C) P (D) Q

7. Who is second to the left of U ?
 (A) W (B) Q
 (C) P (D) R

7. U ds ck; ;s nwlj k dkSu gS \
 (A) W (B) Q
 (C) P (D) R

8. In half hour, the minute hand of clock will rotate through the angle of :
 (A) 75° (B) 60°
 (C) 120° (D) 180°

8. vk/ks ?kavsu dh lqbZ fdrus fMxzh ls tk,sxh\
 (A) 75° (B) 60°
 (C) 120° (D) 180°

9. Meera was born on 22nd March 1982. On what day of the week was she 14 years 7 months and 8 days of age?
 (A) Tuesday (B) Sunday
 (C) Monday (D) Saturday

9. ehjk dk tUe 22 ekpZ 1982 dks gqv k fd llrk g ds dkSu lk fnu og 14 o'kZ 7 eg 8 fnu dh Fkh\
 (A) eaxyokj (B) jfookj
 (C) lkeokj (D) "kfuokj

10. If 1st October falls on Sunday. What day of the week will fall on 1st November ?
 (A) Tuesday (B) Wednesday
 (C) Sunday (D) Monday

10. ;fn 1 vDVwcj dks jfookj ls 1 uoEcj o llrk g dk dkSu lk fnu jgsxk\
 (A) eaxyokj (B) cq/kokj
 (C) jfookj (D) lkeokj

Direction (11-17) : In each of the following questions, select the related letter/word/number from the given alternatives :

furkZ/411 ls 17½ % fuEufyf[kr azR;sd, iz"u fodYi ls lEc fU/kr v{kj@"kCn@la[:k d pqfu,A

11. DEVIL : ABSFI :: OTHER : ?
 (A) MRFCP (B) RWKHV
 (C) LQEBO (D) LRECO

11. DEVIL : ABSFI :: OTHER : ?
 (A) MRFCP (B) RWKHV
 (C) LQEBO (D) LRECO

12. Manipuri : Manipur :: Kathakali : ?
 (A) Karnataka (B) Tamilnadu
 (C) Kerala (D) Andhra Pradesh

12. ef.kiwjh % ef.kiwj % % dFkdyh % \
 (A) dukZ (B) rfeyukMq
 (C) d; (D) vkU/kz izns"k

13. 24 : 60 :: 210 : ?
 (A) 425 (B) 420
 (C) 525 (D) 505

13. 24 : 60 :: 210 : ?
 (A) 425 (B) 420
 (C) 525 (D) 505

14. Teacher : Student :: Pontiff : ?
 (A) Disciple (B) Follower
 (C) Priest (D) Deity

14. f"k{k d % Nk= % % fc"ki % \
 (A) f"k'; (B) vuk;h
 (C) iqt kjh (D) nsrk

15. Book : Read :: Picture : ?
 (A) Library (B) Buy
 (C) See (D) Listen

15. fdrkc % i<+uk % % fp= % \
 (A) iqr dky; (B) [kjhnuk
 (C) n; kuk (D) lquk

16. ETHNICITY : YTIC INHTE :: HOPEFUL :?
 (A) FULEPOH (B) HOPELUF
 (C) LUFHOPE (D) LUFEPHO

17. Swimming : River :: Hiking : ?
 (A) Mountain (B) Road
 (C) Pond (D) Sea

Direction (18-25) : In each of the following question, find the odd word/letters/number pair from the given alternatives :

18.
 (A) 1000 (B) 625
 (C) 64 (D) 512

19.
 (A) 10 (B) 24
 (C) 64 (D) 120

20.
 (A) CP (B) FR
 (C) DQ (D) BO

21.
 (A) Publisher (B) Author
 (C) Novelist (D) Poet

22.
 (A) WTQN (B) NKHE
 (C) MIDA (D) KHEB

23.
 (A) King : Queen (B) Prince : Princess
 (C) Witch : Vampire (D) Hero : Heroine

24.
 (A) Radish (B) Carrot
 (C) Potato (D) Beetroot

25.
 (A) 124 - 164 (B) 14 - 54
 (C) 212 - 252 (D) 256 - 286

16. ETHNICITY : YTIC INHTE :: HOPEFUL :?
 (A) FULEPOH (B) HOPELUF
 (C) LUFHOPE (D) LUFEPHO

17. rSjuk % unh % % p<+kbZ %\
 (A) ioZ (B) lM+d
 (C) rkykc (D) leqnz

furZk ¼18 ls 25½ % fuEufyf[kr iz"uksa
 fodYilesa fo'ke la[;k@ v{kj@la[;k;q)
 pqfu,A

18.
 (A) 1000 (B) 625
 (C) 64 (D) 512

19.
 (A) 10 (B) 24
 (C) 64 (D) 120

20.
 (A) CP (B) FR
 (C) DQ (D) BO

21.
 (A) izk"kd (B) y&kd
 (C) miU;kldkj (D) dfo

22.
 (A) WTQN (B) NKHE
 (C) MIDA (D) KHEB

23.
 (A) jktk % jkuh (B) jktdekj % jkedj
 (C) Mk;u % fi"kb (D) vfhkusrk % vfhkus=

24.
 (A) ewyh (B) xktj
 (C) vkyq (D) pqdanj

25.
 (A) 124 - 164 (B) 14 - 54
 (C) 212 - 252 (D) 256 - 286

Directions (26-27) : Arrange the following words according to the English dictionary :

26. 1. Voyage 2. Voice
3. Vocation 4. Volume
(A) 2, 4, 3, 1 (B) 3, 2, 4, 1
(C) 2, 3, 4, 1 (D) 3, 4, 2, 1

27. 1. Beet 2. Beer
3. Being 4. Been
(A) 4, 2, 1, 3 (B) 4, 2, 3, 1
(C) 1, 2, 3, 4 (D) 4, 3, 2, 1

Directions (28-35) : In the following questions a series is given with one item missing choose the correct alternative from the given ones that will complete the series :

28. FLA, GMB, HNC, IOD, __?
(A) OTK (B) NSD
(C) JPE (D) TOE

29. 135, 226, 353, __? , 739
(A) 722 (B) 522
(C) 622 (D) 632

30. 4, 7, 13, 22, __? , 49
(A) 34 (B) 45
(C) 52 (D) 64

31. ACE, BDF, CEG, __? .
(A) DEF (B) DFH
(C) DEH (D) DFE

32. 7, 12, 22, __? , 82, 162
(A) 42 (B) 32
(C) 52 (D) 62

33. 2, 3, 5, 9, 17, __? .
(A) 33 (B) 34
(C) 27 (D) 30

34. CAE, HFJ, MKO, RPT, __? .
(A) WUY (B) VTY
(C) VUZ (D) WUZ

Directions (26-27) : Arrange the following words according to the English dictionary :

26. 1. Voyage 2. Voice
3. Vocation 4. Volume
(A) 2, 4, 3, 1 (B) 3, 2, 4, 1
(C) 2, 3, 4, 1 (D) 3, 4, 2, 1

27. 1. Beet 2. Beer
3. Being 4. Been
(A) 4, 2, 1, 3 (B) 4, 2, 3, 1
(C) 1, 2, 3, 4 (D) 4, 3, 2, 1

Directions (28-35) : In the following questions a series is given with one item missing choose the correct alternative from the given ones that will complete the series :

28. FLA, GMB, HNC, IOD, __?
(A) OTK (B) NSD
(C) JPE (D) TOE

29. 135, 226, 353, __? , 739
(A) 722 (B) 522
(C) 622 (D) 632

30. 4, 7, 13, 22, __? , 49
(A) 34 (B) 45
(C) 52 (D) 64

31. ACE, BDF, CEG, __? .
(A) DEF (B) DFH
(C) DEH (D) DFE

32. 7, 12, 22, __? , 82, 162
(A) 42 (B) 32
(C) 52 (D) 62

33. 2, 3, 5, 9, 17, __? .
(A) 33 (B) 34
(C) 27 (D) 30

34. CAE, HFJ, MKO, RPT, __? .
(A) WUY (B) VTY
(C) VUZ (D) WUZ

35. 12, 26, 54, ? .
 (A) 223 (B) 110
 (C) 220 (D) 108
36. If A = 1 , BAD = 7, then HAT = ?
 (A) 8 (B) 10
 (C) 29 (D) 19
37. If B = 4, D = 8 and C = 6, then DOG = ?
 (A) 46 (B) 52
 (C) 56 (D) 60
38. If D = 2 and F = 3, then BAG = ?
 (A) 10 (B) 20
 (C) 5 (D) 6
39. If FAITH is coded as 82731, HABIT is coded as 12573 and HEALTH is coded as 192431, how can BELIEF be coded as ?
 (A) 594598 (B) 594789
 (C) 594978 (D) 594798
40. If NATIONAL can be written as LNAANTOI, how can DOMESTIC be written?
 (A) CDIOMTES (B) CDIOTMSE
 (C) CTSIMODE (D) CSITEMOD
41. In a class Sohan's rank is 17th from the top and 28th from the bottom. How many students are there in the class ?
 (A) 45 (B) 40
 (C) 44 (D) 41
42. Varun said, "That boy is the grandson of my Mother's husband. I have no brother and sister," How is the boy related with Varun?
 (A) Uncle (B) Son
 (C) Nephew (D) Cousin
43. Which of the following can not be formed by word MERCHANDISE :
 (A) MECH (B) DICE
 (C) CHARM (D) CHANGE
35. 12, 26, 54, ? .
 (A) 223 (B) 110
 (C) 220 (D) 108
36. ;fn A = 1 , BAD = 7, gkks HAT = ?
 (A) 8 (B) 10
 (C) 29 (D) 19
37. ;fn B = 4, D = 8 rFkk C = 6, gkks DOG = ?
 (A) 46 (B) 52
 (C) 56 (D) 60
38. ;fn D = 2 rFkk F = 3, gkks BAG = ?
 (A) 10 (B) 20
 (C) 5 (D) 6
39. fdlh dwV Hkk'k FAITH dks 82731, HABIT dks 12573 rFkk HEALTH dks fy[kk tk, 192431 dks mlh dwV Hkk'k BELIEF dks D;k fy[kk tk,xk\
 (A) 594598 (B) 594789
 (C) 594978 (D) 594798
40. ;fn fdlh dwV Hkk'k NATIONAL d k s LNAANTOI fy[kk tk, rks mlh dwV Hkk'k DOMESTIC dks D;k fy[kk tk,xk\
 (A) CDIOMTES (B) CDIOTMSE
 (C) CTSIMODE (D) CSITEMOD
41. ,d d{k Sohan dk Øe Åij ls 17 ok; rFkk 28 ok; gSA rks gkks Nk= gS\
 (A) 45 (B) 40
 (C) 44 (D) 41
42. o:.k us dgk fd ^ ^ ogjy Mkrk desfr dk ikk gS le dksbZ HkkbZ rFkk cgu ugh g yM+dk o:.k ls dSls IEcfU/kr gS\
 (A) pkpk (B) ck
 (C) Hkrhtk (D) ppsjk HkkbZ
43. fuEu fy[kk dS le MERCHANDISE "kCn ls ugha cuk;k tk ldrk gS \
 (A) MECH (B) DICE
 (C) CHARM (D) CHANGE

44. Out of 1865 people, 660 can speak English and 1305 can speak Marathi. But 120 person cannot speak either language. Then how many can speak both languages :
- (A) 220 (B) 120
(C) 1085 (D) 440

45. From the given alternative select the word which can be formed using the letters given in the word. ABOMINABLE :
- (A) BOWEL (B) METAL
(C) BLAND (D) BANAL

Directions (46-47) : In the following questions some equation are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis :

46. If $228 = 12$ and $337 = 16$, then $569 = ?$
(A) 39 (B) 20
(C) 29 (D) 36
47. If $3 \times 7 \times 8 = 837$
 $2 \times 4 \times 5 = 524$, then $4 \times 3 \times 7 = ?$
(A) 743 (B) 734
(C) 84 (D) 214

Directions (48-50) : In the following questions, select the missing number from given response :

48.

12	6	8
4	4	9
3	7	4
51	31	<u>?</u>

(A) 21 (B) 42
(C) 76 (D) 86
49.

3	18	6
5	<u>?</u>	4
8	40	5

(A) 40 (B) 22
(C) 24 (D) 20
50.

8	2	6
2	4	<u>?</u>
5	6	8
80	48	240

(A) 4 (B) 10
(C) 5 (D) 20

44. Out of 1865 people, 660 can speak English and 1305 can speak Marathi. But 120 person cannot speak either language. Then how many can speak both languages :
- (A) 220 (B) 120
(C) 1085 (D) 440

45. From the given alternative select the word which can be formed using the letters given in the word. ABOMINABLE :
- (A) BOWEL (B) METAL
(C) BLAND (D) BANAL

Directions (46-47) : In the following questions some equation are solved on the basis of a certain system. Find the correct answer for the unsolved equation on that basis :

46. If $228 = 12$ and $337 = 16$, then $569 = ?$
(A) 39 (B) 20
(C) 29 (D) 36
47. If $3 \times 7 \times 8 = 837$
 $2 \times 4 \times 5 = 524$, then $4 \times 3 \times 7 = ?$
(A) 743 (B) 734
(C) 84 (D) 214

Directions (48-50) : In the following questions, select the missing number from given response :

48.

12	6	8
4	4	9
3	7	4
51	31	<u>?</u>

(A) 21 (B) 42
(C) 76 (D) 86
49.

3	18	6
5	<u>?</u>	4
8	40	5

(A) 40 (B) 22
(C) 24 (D) 20
50.

8	2	6
2	4	<u>?</u>
5	6	8
80	48	240

(A) 4 (B) 10
(C) 5 (D) 20

PART-II
GENERAL AWARENESS & PROFESSIONAL KNOWLEDGE

51. How many types of wire obstacle are there?
(A) 2 (B) 3
(C) 4 (D) 5
52. In which CRPF Form leave, leave/duty certificate is issued?
(A) CRP 18 (B) CRP 24
(C) CRP 20 (D) CRP 28
53. How many times GPF subscription can be increased/decreased in a year.
(A) 1/3 (B) 2/1
(C) 2/2 (D) 2/4
54. Which of following terms denotes the "Toughening of body" as its major objectives-
(A) Play (B) Drill
(C) WT (D) PT
55. Sri Guru Gobind Singh was
(A) The 10th Guru of the Sikhs
(B) Founder of Khalsa, the inner council of the Sikhs in 1699
(C) Author of Dasam Granth
(D) All the above
56. Who has been awarded 'Scroll of Honor' by Government of India to promote cashless transactions?
(A) Manish Jadon (B) Khusbu Gupta
(C) Surbhi Kapoor (D) Gaurav Goya
57. What is the sequence of sitting position of Lathi party while marching from vehicle?
(A) Middle (B) Last
(C) First (D) Anywhere
58. Revision petition can be made against the punishment of departmental enquiry within...days?
(A) 15 days (B) 30 days
(C) 45 days (D) 60 days
51. ok;j vkdyVdh fdckvks
(A) 2 (B) 3
(C) 4 (D) 5
52. Mv/h@fM;wVh ij ekus idk=izfdl dst Qkeas;k\$ fd;k tkNk gS
(A) dfjiq18 (B) dfjiq24
(C) dfjiq20 (D) dfjiq28
53. Hkfo'; fuf/Hkfo"; fuf/hk eHhokZ esa fdruscj c<k;h@?kVk;h tk ldrh gS
(A) 1/3 (B) 2/1
(C) 2/2 (D) 2/4
54. fuEufyf[kr esa ikkjhfd etcwekk dk ?kVd%gS
(A) [yuk (B) Mh
(C) MCY;Vh - (D) i h - V h -
55. xq xksfoan flag Fks %&
(A) fID[kksalosaq
(B) 1699fID[kksvkarfjd ifj"kn [kkylk c l hFkkid
(C) nle xk d;pf;rk
(D) mi;Dr IHkh
56. dFys ys&as dks kokusdsfy, Hkkjr ljdkj usfdlsBLyWQWuW nku fd;k g%&
(A) euh"k tknls [kkcqlk
(C) lqHkh jdiq (D) xjG xks
57. xkMh ls dksZe; ykBh dksBos dk de crk,A
(A) chp esa (B) vkf[kjaes
(C) igys (D) dgh Hkha
58. iqjh{k.k ;kfpdkfnidlsle;&lhek ds Hkhrj ch tk ldrh gS
(A) 15 fnueaa (B) 30 fnueaa
(C) 45 fnueaa (D) 60 fnueaa

59. An orderly room register is maintained in CRPF in form No.?
 (A) Form No. 16 (B) Form No. 46
 (C) Form No. 08 (D) Form No. 15 A
60. No members of the force will visit married lines except than those who have been allotted a quarter without permission of
 (A) DC (Adm)
 (B) Comdt.
 (C) Subedar Major.
 (D) SI (Hygeine & Sanitation)
61. Shuttle run test measures –
 (A) Explosive strength
 (B) Speed endurance
 (C) Agility
 (D) Speed
62. Fatigue comes during training due to –
 (A) Lactic acid (B) Adrenal
 (C) CO₂ (D) PH factor.
63. How many Numbers of Trained solder Table Cord are there-
 (A) 5 (B) 7
 (C) 8 (D) 9
64. MR claim can be preferred in how many days from the completion of treatment?
 (A) 01 month (B) 03 months
 (C) 45 days (D) None of the above
65. As per latest orders the Firefighting practice in dut Bn be carried out once in?
 (A) 07 Days (B) Monthly
 (C) 15 Days (D) None the above
66. Ecology deals with
 (A) Birds
 (B) Cell formation
 (C) Relation between organisms and their environment
 (D) Tissues

59. ds0fj0iq@cynZyh d{k iaftdk dk fdl i
 lq;k a[k&j[kko fd;k tkrk gS
 (A) QkVla0&16 (B) QkVla0&46
 (C) QkVla0&08 (D) QkWeZ la0&15 ,
60. dbZy dk lnL; fookfguyesbfZ Eufdlsa
 ds vuqefHkze.k dj ldrk gS
 (A) mi deK/MMe
 (B) dek.Ms
 (C) lqskj tps
 (D) mi fujh{kdrfu4g.MZisVku1/2
61. 'ky~ju ijh{k.k dk e%&.M gS
 (A) foLQds etchw
 (B) xfr lgu'khyrk
 (C) Qwh Z
 (D) x f r
62. iz'k{k.k.knjks Fkdkudkj ska%&
 (A) yfDVd vEy (B) xozlq/kh
 (C) dkaZMk;DKMZ (D) ih-,p- ?kVd
63. VaaM lkcytjdksWMZ fdrus%&dkj d
 (A) 5 (B) 7
 (C) 8 (D) 9
64. mipkj dh lekflrfdusfnuaksfpdfRik
 izfrfZnkok dks ojh;rk nh tkrh gS
 (A) 01eghuk (B) 03eghus
 (C) 45fnu (D) mijksDr lssbZsugha
65. uohurekoZkadsulkj Qk;j QkbfkVhZ
 dk vH;kl Wn;CkVkf;fdrasfnakjs
 guks pkfg,\
 (A) 07fnu (B) ek f ld
 (C) 15 fnu (D) mijksDr lssbZsugha
66. ifjfLFkfrdh) lq%&
 (A) i { k h
 (B) dksdk xBu
 (C) thakSokrkoj.k chp c/h
 (D) mRraks

67. How many total firing practs (including day & night) are there in ARCF for trained soldier firing from 9MM Carbine?

- (A) 08 (B) 07
(C) 06 (D) 05

68. How many types of sights are being used in X-95 rifle?

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

69. After how many paces hand will come down in the Salute of Left or Right?

- (A) 4 (B) 6
(C) 5 (D) 7

70. The ozone layer restricts

- (A) Visible light
(B) Infrared radiation
(C) X-rays and gamma rays
(D) Ultraviolet radiation

71. Filaria is caused by

- (A) Bacteria (B) Mosquito
(C) Protozoa (D) Virus

72. Newly raised CRPF Mahila Bn inducted in LWE Area for Anti Naxal operation.

- (A) 88 (B) 135
(C) 232 (D) 233

73. Which CRPF Training Institution awarded with Home minister Cup for best Training Centre for recruits.

- (A) RTC Neemach (B) RTC Rajgir
(C) RTC Amethi (D) CIAT Silchar

74. Latest CIAT School of CRPF established at which place.

- (A) Latur (B) Chittoor
(C) Belgam (D) Bijapur

okf"KZd pkaVWkjhsatj ds fy, 9 ,e-
dkjckbZsdj ¼jkr&fnu feykdy½ Qk
iDVI j[kh x;%&S

- (A) 08 (B) 07
(C) 06 (D) 05

X-95 jkbQyaferusdkj dh IMZLeKy
dh tkrh? gS

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

Ckk, ;k nkfbYw efarusne dskn
gkFk urks \

- (A) 4 (B) 6
(C) 5 (D) 7

70. vkstksu ijr D;k lhafer%&rh gS

- (A) n'; idk'k
(B) vojDr fofdj.k
(C) ,DI&jsvkSkeek fdj.kks
(D) ijkoauh fofdj.k

71. Qkfr;k fdldskj.k rkkg%&

- (A) cfdV%& (B) ePNj
(C) izV%& (D) ok bj l

72. dsfjcy esaVh uDly v,ijs'ku dskf, c
mxzokna[kd=ubZ efgyk cVkf;u dks
fd;k jgSg&S

- (A) 88 cVkf;u (B) 135 cVkf;u
(C) 232 cVkf;u (D) 233 cVkf;u

73. dfjcy dsfdl cf'k{k.k.Undss loEre
jax:V cf'k{k;k xSg ea=h di }kjk lEek
fd;k x;k&S

- (A) vkjVhlh uhnpvkjVhlh jktxhj
(C) vkjVhlh Bhes lh-vkbpZh- flypj

74. dfj cy auohure lh-vMbz ydfdl
txg LFkkfir fd;k x;k gS

- (A) ykijw (B) fpUj kw
(C) cyslw (D) ch tkia

75. Which Central Team of CRPF won the Gold medal in AIPDM-2016 for the first time in the history of CRPF?

- (A) Volleyball (B) Basketball
(C) Hockey (D) Rowing

76. 7th National Conference of Women in Police was organized the first time in CRPF, the venue was :-

- (A) ISA M/Abu
(B) Vigyan Bhawan Delhi
(C) CRPF Dte. General, New Delhi
(D) CRPF Academy Kadarapur

77. Name of CRPF Commandant who is martyred on 15 Aug'2016 in Srinagar?

- (A) Pravin Kumar
(B) Pramod Kumar
(C) Pravesh Chand
(D) Piyush Chand

78. Which of the following activities measures dynamometer strength –

- (A) Vertical jump
(B) Short distance run
(C) Forward roll
(D) Rope climbing

79. What does BMI measures –

- (A) Flexibility (B) Muscles weight
(C) Body fat (D) Strength

80. Which Standing order is applicable for Annual Range classification firing instructions in CRPF?

- (A) S O- 06/2008
(B) S O- 09/2011
(C) S O- 10/2012
(D) S O- 01/201

81. Mistake occurred because of Trigger operation is called?

- (A) Flinch (B) Jerk
(C) Buck (D) All of these

75. Which Central Team of CRPF won the Gold medal in AIPDM-2016 for the first time in the history of CRPF?

- (A) Volleyball (B) Basketball
(C) Hockey (D) Rowing

76. 7th National Conference of Women in Police was organized the first time in CRPF, the venue was :-

- (A) ISA M/Abu
(B) Vigyan Bhawan Delhi
(C) CRPF Dte. General, New Delhi
(D) CRPF Academy Kadarapur

77. Name of CRPF Commandant who is martyred on 15 Aug'2016 in Srinagar?

- (A) Pravin Kumar
(B) Pramod Kumar
(C) Pravesh Chand
(D) Piyush Chand

78. Which of the following activities measures dynamometer strength –

- (A) Vertical jump
(B) Short distance run
(C) Forward roll
(D) Rope climbing

79. What does BMI measures –

- (A) Flexibility (B) Muscles weight
(C) Body fat (D) Strength

80. Which Standing order is applicable for Annual Range classification firing instructions in CRPF?

- (A) S O- 06/2008
(B) S O- 09/2011
(C) S O- 10/2012
(D) S O- 01/201

81. Mistake occurred because of Trigger operation is called?

- (A) Flinch (B) Jerk
(C) Buck (D) All of these

82. CRPF sponsored two players of J&K got opportunity to play which game at the International level

- (A) Badminton (B) Football
(C) Cricket (D) Boxing

83. Which exercise is beneficial to rectify the mistake of sight alignment by a firer?

- (A) Aiming box exercise
(B) Aiming corrector exercise
(C) Breathing control exercise
(D) Tin disc exercise

84. Which drill is adopted by CRPF on firing range?

- (A) Company drill (B) Discipline drill
(C) A to G drill (D) Fire arm safety drill

85. When to zero the weapon?

- (A) When the weapon newly issued
(B) After handing/taking over of weapon on transfer
(C) After major repair
(D) All of these

86. How many type of grenades are being fired by UBGL

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

87. Coral reefs in India can be found in

- (A) the coast of Orissa
(B) Waltair
(C) Rameshwaram
(D) Trivandrum

88. Film and TV Institute of India is located at

- (A) Pune (Maharashtra)
(B) Rajkot (Gujarat)
(C) Pimpri (Maharashtra)
(D) Perambur (Tamilnadu)

82. CRPF sponsored two players of J&K got opportunity to play which game at the International level

- (A) Badminton (B) Football
(C) Cricket (D) Boxing

83. Which exercise is beneficial to rectify the mistake of sight alignment by a firer?

- (A) Aiming box exercise
(B) Aiming corrector exercise
(C) Breathing control exercise
(D) Tin disc exercise

84. Which drill is adopted by CRPF on firing range?

- (A) Company drill (B) Discipline drill
(C) A to G drill (D) Fire arm safety drill

85. When to zero the weapon?

- (A) When the weapon newly issued
(B) After handing/taking over of weapon on transfer
(C) After major repair
(D) All of these

86. How many type of grenades are being fired by UBGL

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

87. Coral reefs in India can be found in

- (A) the coast of Orissa
(B) Waltair
(C) Rameshwaram
(D) Trivandrum

88. Film and TV Institute of India is located at

- (A) Pune (Maharashtra)
(B) Rajkot (Gujarat)
(C) Pimpri (Maharashtra)
(D) Perambur (Tamilnadu)

89. Gravity setting chambers are used in industries to remove
(A) SO₂
(B) NO₂
(C) Suspended particulate matter
(D) CO₂

89. fdldksgVkusdfy, mkkexRokdKkZ
psEcj dk mi;ksx fd;k tkrk gS
(A) IYQj MkbvkMkbZ
(B) ukbtG MkbvkMkbZ
(C) fuyafer d.k abesks
(D) dkaZMkbvkMkbZ

90. What is scoring pattern prescribed in ARCF for trained soldier firing with INSAS Rifle?
(A) Marksman-74,1stClass-60 & Std Shot-46
(B) Marksman-86,1stClass-72 & Std Shot-58.
(C) Marksman-98,1stClass-79 & Std Shot-65.
(D) Marksman-106,1stClass-87 & Std Shot-73.

90. okf"KZekjksIkl jkbQy Qldfy,
fu/kfj' dya esajkdkksaudkkdfofj.k
lgh gS
(A) ekdE&74]QLV Dykl&60MZFkk L
' R/E/46
(B) ekdE&86]QLV Dykl&72MZFkk L
' R/E/58
(C) ekdE&98] QLV Dykl&79MZFkk
' R/E/65
(D) ekdE&106]QLV Dykl&87MZFkk
' R/E/73

91. What is the life of peak cap for SOs?
(A) 06 years (B) 02 years
(C) 03 years (D) 04 years

91. vf/kuLFk vf/kdkfy, insidk ykQZ
fdruk\gS
1/206 o"kZ 1/202 o"kZ
1/203 o"kZ 1/204 o"kZ

92. DA is admissible for absence from HQ for not less than
(A) 6 hrs (B) 9 hrs
(C) 8 hrs (D) 10 hrs

92. vU; ;w- ds fy, ddsfuEufyf[kr le;
dsfy, Eky; lsvufLFkr jggsrfid
HkRrk gkx A
(A) 6 ?kaVs (B) 9 ?kaVs
(C) 8 ?kaVs (D) 10 Vka

93. Within what distance no person is allowed to do any canvassing in and around the polling station
(A) 200 Yards (B) 100 Yards
(C) 150 Yards (D) 250 Yards

93. fdruhjhvj ernkuUnz ds Hkhrjajksj pk
fdlh ny fd'kks{k adfKZekusdh
vuqefr mghakr\ gS
(A) 200 xt (B) 100 xt
(C) 150 xt (D) 250 xt

94. Response time of RAF to Law and Order situation within the same station when it is on call, is
(A) 30 minutes for move of all Coys.
(B) 45 minutes for move of all Coys.
(C) 60 minute for move of all Coys.
(D) 15 minutes of move of all Coys.

94. fdlh LFkku ij dku0,0,5k dh leL;k
vkj0,0,Q0 }kjbdk le;]tc bls
cyk;k tkrk\gS
(A) IHkh dEiuh dk 30 pkyV esa la
(B) IHkh dEiuh dk 45apkyV esa
(C) IHkh dEiuh dk 60 feuV esa la
(D) IHkh dEiuh dk 15apkyV esa

95. Vehicle to Vehicle distance in convoy movement should be Meter in hilly and meter in plain area.

- (A) 20 to 30 meter, 300 to 500 meter
(B) 50 to 100 meter, 100 to 200 meter
(C) 500 to 01 Km, 01 Km to 02 Km
(D) 01 to 02 Km, 04 Km to 05 Km.

96. Which state government has recently declared 50% reservation in judicial services for OBCs, SCs, STs and EBCs?

- (A) Odisha (B) Madhya Pradesh
(C) Bihar (D) Assam

97. Garampani sanctuary is located at

- (A) Junagarh, Gujarat
(B) Diphu, Assam
(C) Kohima, Nagaland
(D) Gangtok, Sikkim

98. When is Kit classification carried out?

- (A) At the time of pension
(B) At the time of tfr
(C) Loss of any item
(D) None of them

99. For Dog Squad, how many weeks of trg are there for Dog and its handler

- (A) 24 (B) 36
(C) 40 (D) 46

100. What is the area of jurisdiction of RAF unit?

- (A) 250 Km (B) 350 Km
(C) 300 Km (D) 325 Km

95. Vehicle to Vehicle distance in convoy movement should be Meter in hilly and meter in plain area.

- (A) 20 to 30 ehVj] 300 to 500 ehVj]
(B) 50 to 100 ehVj] 100 to 200 ehVj]
(C) 500 to 01 fdeh0] 01 to 02 fdeh0]
(D) 01 to 02 fdeh0] 04 to 05 fdeh0]

96. Which state government has recently declared 50% reservation in judicial services for OBCs, SCs, STs and EBCs?

- (A) v fM's'k k (B) e/; iZk
(C) f c g k j (D) vle

97. Garampani sanctuary is located at

- (A) tWkx 1/4 fkr 1/2
(B) nhQ 1/4 vle 1/2
(C) d fgek 1/4 M 1/4 kyS
(D) xV 1/4 f fDde 1/2

98. When is Kit classification carried out?

- (A) iU'ku tkjus
(B) LFkkukUrj.kij tkus
(C) O;fDrxr fdV yetjgkjus
(D) buesa lsughAbZ

99. For Dog Squad, how many weeks of trg are there for Dog and its handler

- (A) 2 4 (B) 3 6
(C) 4 0 (D) 4 6

100. What is the area of jurisdiction of RAF unit?

- (A) 250 fd eh (B) 350 fd eh
(C) 300 fd eh (D) 325 fd eh

PART-III
NUMERICAL ABILITY

101. What is the smallest number to be subtracted from 549160 in order to make a perfect square?
(A) 79 (B) 81 (C) 80 (D) 1
102. The average of five consecutive even numbers is 26. Find the smallest of them?
(A) 20 (B) 22 (C) 24 (D) 28
103. The average of 11 numbers is 60. If the average of first six numbers is 58 and that of last six is 63, find the sixth number :
(A) 60 (B) 66 (C) 72 (D) 78
104. The average age of 36 persons in a group is 14 years. When an extra person's age is included to it, the average increases by one. What is the extra person's age in years?
(A) 41 (B) 47 (C) 49 (D) 51
105. A driver travels to a place 150 km away at an average speed of 50 km/hr and return at 30 km/hr. His average speed for the whole journey in km/hr is :
(A) 33.5 km/hr (B) 37.5 km/hr (C) 35 km/hr (D) 37 km/hr
106. 50 is divided into two parts such that the sum of their reciprocals is $\frac{1}{8}$, find largest part?
(A) 10 (B) 20 (C) 30 (D) 40
107. Present ages of Mohan and Sohan are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Mohan's present age in years ?
(A) 30 (B) 24 (C) 27 (D) 40

108. Sushil's age after 15 years will be 5 times his age 5 years back. What is the present age of Sushil?

- (A) 15 (B) 20
(C) 10 (D) 25

108. 15 o'kZ okn lq" khy dh vk;q mlds 5 o'kZ vk;q dh 5 xqt kxgk" khy dh o'kZeku D;k gS\

- (A) 15 (B) 20
(C) 10 (D) 25

109. The Sum of ages of a father and his son is 45 years. Five years ago, the product of their ages was 34. The age of the son is :

- (A) 6 years (B) 7 years
(C) 8 years (D) 9 years

109. firk rFkk iq= dh vk;q dk ;ksxQy dk 45 5 o'kZ igys mldsk vk;q dk xq.kuQy 34 gS dk o'kZeku vk;q D;k gS\

- (A) 6 o'kZ (B) 7 o'kZ
(C) 8 o'kZ (D) 9 o'kZ

110. In 10 years, x will be twice as old as y was 10 years ago. If x is now 9 years older than y the present age of y is :

- (A) 39 years (B) 29 years
(C) 19 years (D) 21 years

110. 10 o'kZ es dh vk;q ds 10 o'kZ ds igys dh vk;q dh nw xqt kxgk; fn o'kZeku use 9 o'kZ cM+k gS dk o'kZeku vk;q D;k gS\

- (A) 39 o'kZ (B) 29 o'kZ
(C) 19 o'kZ (D) 21 o'kZ

111. What is the value of $\frac{\sqrt[3]{6^6}}{6^{2/3} \times \sqrt[3]{6^7}}$:

- (A) 6 (B) $\frac{1}{6}$
(C) 1 (D) 0

111. $\frac{\sqrt[3]{6^6}}{6^{2/3} \times \sqrt[3]{6^7}}$ dk eku D;k gS\

- (A) 6 (B) $\frac{1}{6}$
(C) 1 (D) 0

112. If $\frac{3X(81)^4}{9^n X 3^5 X (27)^3} = 27$, then n =?

- (A) $\frac{1}{3}$ (B) $\frac{1}{2}$
(C) 0 (D) $\frac{1}{4}$

112. ;fn $\frac{3X(81)^4}{9^n X 3^5 X (27)^3} = 27$, gksa =?

- (A) $\frac{1}{3}$ (B) $\frac{1}{2}$
(C) 0 (D) $\frac{1}{4}$

113. Sixty five percent of a number is 21 less than four-fifth of that number. What is the number?

- (A) 120 (B) 160
(C) 140 (D) 180

113. fdlh la[;k dks 65 izfr"kr ml la[;k ds ls 21 de gS] rks la[;k D;k gS\

- (A) 120 (B) 160
(C) 140 (D) 180

114. 15% of 600 + 45 % of 280 = ?

- (A) 216 (B) 236
(C) 126 (D) 246

114. 600 dk 15% + 280 dk 45 % = ?

- (A) 216 (B) 236
(C) 126 (D) 246

115. Raman reads $\frac{3}{8}$ of a book on one day and $\frac{4}{5}$ of the remainder on another day. If there are 30 pages unread now., how many pages did the book contain ?
- (A) 200 (B) 240
(C) 80 (D) 120

116. A seller purchased a washing machine for Rs. 7, 660. After allowing a discount of 12% on its marked price, he still gains 10% . Find the marked price of washing machine :
- (A) Rs. 9575 (B) Rs. 9675
(C) Rs. 8246 (D) Rs. 9755

117. A man purchased an article and sold it to be B at a profit of 25% and B sold it to C at a loss of 10% and C paid Rs. 675 for it. For how much did A purchase it :
- (A) Rs. 500 (B) Rs. 550
(C) Rs. 600 (D) Rs. 650

118. Two trains start from a certain place on two parallel tracks in the same direction. The speed of the trains are 45 km/hr and 40 km/hr respectively. The distance between two trains after 45 minutes will be :
- (A) 3 km 750 m (B) 3 km 550 m
(C) 2 km 750 m (D) 2 km 550 m

119. If $x - \frac{1}{x} = 3$, the value of $x^3 - \frac{1}{x^3}$ is :
- (A) 30 (B) 36
(C) 34 (D) 40

120. The area of equilateral triangle is $4\sqrt{3}$ square metre. Its perimeter is :
- (A) 14 metre
(B) 12 metre
(C) $6\sqrt{3}$ metre
(D) $12\sqrt{3}$ metre

115. jeu 1 fnuæ³ Hkkx fdrkc i<+rk gS⁴] "ks Hkkx nwljs fnu i<+rk gS] ;fn vc 30 i`' gqvk cpk gS rksa fdrkc i`B⁴/Fks
- (A) 200 (B) 240
(C) 80 (D) 120

116. ,d foØsrk ,d okf" kax e" khu dks :0a7]6 [kjhnrk gSA nwljsa ; ij2% NwV nsus ckn Hkkx ykHk dekrk gSA rks fdrkc i`B⁴/Fks ewY; D;k gS\
- (A) 9575 :0 (B) 9675 :0
(C) 8246 :0 (D) 9755 :0

117. A vkneh ,d oLrq [kjhnrk Hk ijdrk nsrk gS] dks 25% gkfu ij csp nsrk gS] blds fy, 675 :i;k nsuk iM+rk gSA rks c blds fdrkc i`B⁴/Fks Fkk\
- (A) 500 :0 (B) 550 :0
(C) 600 :0 (D) 650 :0

118. nks Vs^au lekukUrj VS^ad ij ,d ghrfghk fcUnq ls pyuk izkjEHk djrh gSA Vs^au c fdeh@?kaVk rFkk 40 fdeh@?kaVk Øe feuV ds ckn nksuksa jsyxkM+h dh ch gkS\
- (A) 3 fdeh¹⁵⁰ eh (B) 3 fdeh¹⁵⁰ eh
(C) 2 fdeh¹⁵⁰ eh (D) 2 fdeh¹⁵⁰ eh

119. ;fn $x - \frac{1}{x} = 3$, gkks³ - $\frac{1}{x^3}$ dk eku gS%
- (A) 30 (B) 36
(C) 34 (D) 40

120. leckgq f=Hkqt dk {ks=0ZehVj gS] rk bldk ifjeki gS%
- (A) 14 ehVj
(B) 12 ehVj
(C) $6\sqrt{3}$ ehVj
(D) $12\sqrt{3}$ ehVj

121. The unit digit in the product $(284 \times 618 \times 717 \times 563)$?
 (A) 2 (B) 3
 (C) 4 (D) 5

122. What is the unit digit of $(7^9 - 3^{58}) \times 5^{11}$?
 (A) 0 (B) 4
 (C) 6 (D) 7

123. What is the unit digit of $(2157)^{74}$?
 (A) 3 (B) 6
 (C) 7 (D) 9

124. If $(64)^2 - (36)^2 = 10 \times x$, then $x =$?
 (A) 140 (B) 240
 (C) 360 (D) 280

125. If the product $4864 \times 9 \times 2$ is divisible by 12, the value of x is :
 (A) 2 (B) 1
 (C) 5 (D) 6

126. If x and y are odd numbers, then which of the following is even?
 (A) $x + y + 1$ (B) $xy + 1$
 (C) $xy + 2$ (D) xy

127. The largest 5-digit number exactly divisible by 91 is:
 (A) 99981 (B) 99999
 (C) 99918 (D) 99971

128. What least number must be subtracted from 13602, so that the remainder is divisible by 87?
 (A) 29 (B) 31
 (C) 30 (D) 37

129. $(4^2 + 6^2 + 8^2 + \dots + 20^2) =$?
 (A) 1536 (B) 1540
 (C) 1150 (D) 1140

130. How many natural numbers are there between 17 and 100 which are exactly divisible by 6 ?
 (A) 12 (B) 13
 (C) 14 (D) 15

121. $(284 \times 618 \times 717 \times 563)$ ds xq.kuQy dk bZdk vd gS%
 (A) 2 (B) 3
 (C) 4 (D) 5

122. $(7^{95} - 3^{58}) \times 5^{11}$ dk bZdkbZdk gS%
 (A) 0 (B) 4
 (C) 6 (D) 7

123. $(2157)^{754}$ dk bZdkbZdk gS%
 (A) 3 (B) 6
 (C) 7 (D) 9

124. ;fn $(64)^2 - (36)^2 = 10 \times x$, gks x = ?
 (A) 140 (B) 240
 (C) 360 (D) 280

125. ;fn $4864 \times 9 \times 2$ dk xq.kuQys foHkkftj gks rks dk eku gS%
 (A) 2 (B) 1
 (C) 5 (D) 6

126. ;fn x rFkk y fo'ke la[;k gS rks fuEafyf[k dkSu le gS%
 (A) $x + y + 1$ (B) $xy + 1$
 (C) $xy + 2$ (D) xy

127. ikip dks dh lcls cM+h la[;k tks dh 91 foHkkftj gS%
 (A) 99981 (B) 99999
 (C) 99918 (D) 99971

128. 13602 es ls og lcls NksVh la[;k dkSu &lh tk; fd "ksQy 87 ls iw.kZr% foHkkftj gS%
 (A) 29 (B) 31
 (C) 30 (D) 37

129. $(4^2 + 6^2 + 8^2 + \dots + 20^2) =$?
 (A) 1536 (B) 1540
 (C) 1150 (D) 1140

130. 17 rFkk 100 ds dromjizkN la[;k gS tk fd 6 ls iw.kZr% foHkkftj gS%
 (A) 12 (B) 13
 (C) 14 (D) 15

131. The ratio of two numbers is 3 : 4 and their H.C.F. is 8, their L.C.M. is :

- (A) 96 (B) 108
(C) 48 (D) 64

132. The L.C.M. of $\frac{4}{3}, \frac{3}{5}, \frac{4}{7}, \frac{9}{13}$ is :

- (A) $\frac{1}{36}$ (B) $\frac{1}{1365}$
(C) 36 (D) $\frac{12}{448}$

133. $0.517 \div 0.00517 = ?$

- (A) 1 (B) 10
(C) 100 (D) None of these

134. $\frac{1}{0.02}$ is equal to :

- (A) 100 (B) 50
(C) $\frac{2}{50}$ (D) $\frac{1}{20}$

135. If $\frac{0.009}{x} = 0.001$, then $x = ?$

- (A) 90 (B) 9
(C) 0.9 (D) $\frac{1}{90}$

136. The value of $0.\overline{47}$ is :

- (A) $\frac{47}{10}$ (B) $\frac{47}{99}$
(C) $\frac{43}{90}$ (D) $\frac{47}{9}$

137. If $1.5a = 0.04b$, then value of $\left(\frac{b-a}{b+a}\right)$ is :

- (A) $\frac{73}{77}$ (B) $\frac{7.3}{77}$
(C) $\frac{730}{77}$ (D) $\frac{7.3}{777}$

131. The ratio of two numbers is 3 : 4 and their H.C.F. is 8, their L.C.M. is :

- (A) 96 (B) 108
(C) 48 (D) 64

132. The L.C.M. of $\frac{4}{3}, \frac{3}{5}, \frac{4}{7}, \frac{9}{13}$ is :

- (A) $\frac{1}{36}$ (B) $\frac{1}{1365}$
(C) 36 (D) $\frac{12}{448}$

133. $0.517 \div 0.00517 = ?$

- (A) 1 (B) 10
(C) 100 (D) None of these

134. $\frac{1}{0.02}$ is equal to :

- (A) 100 (B) 50
(C) $\frac{2}{50}$ (D) $\frac{1}{20}$

135. If $\frac{0.009}{x} = 0.001$, then $x = ?$

- (A) 90 (B) 9
(C) 0.9 (D) $\frac{1}{90}$

136. The value of $0.\overline{47}$ is :

- (A) $\frac{47}{10}$ (B) $\frac{47}{99}$
(C) $\frac{43}{90}$ (D) $\frac{47}{9}$

137. If $1.5a = 0.04b$, then value of $\left(\frac{b-a}{b+a}\right)$ is :

- (A) $\frac{73}{77}$ (B) $\frac{7.3}{77}$
(C) $\frac{730}{77}$ (D) $\frac{7.3}{777}$

138. $\frac{(0.6)^4 - (0.5)^4}{(0.6)^2 + (0.5)^2}$ is equal to :

- (A) 0.1 (B) 0.11
(C) 1.1 (D) 11

138. $\frac{(0.6)^4 - (0.5)^4}{(0.6)^2 + (0.5)^2}$ dk eku cjkcy gS %

- (A) 0.1 (B) 0.11
(C) 1.1 (D) 11

139. If $\frac{P}{Q} = \frac{6}{5}$, find the value of $\frac{P^2 + Q^2}{P^2 - Q^2}$:

- (A) $\frac{51}{11}$ (B) $\frac{61}{11}$
(C) $\frac{49}{11}$ (D) 8

139. ;fn $\frac{P}{Q} = \frac{6}{5}$] gkks $\frac{P^2 + Q^2}{P^2 - Q^2}$ dk eku fudkys %

- (A) $\frac{51}{11}$ (B) $\frac{61}{11}$
(C) $\frac{49}{11}$ (D) 8

140. If $\frac{2a}{1 + \frac{1}{1 + \frac{a}{1-a}}} = 1$, then find the value of a ?

- (A) $\frac{3}{2}$ (B) $\frac{3}{4}$
(C) $\frac{2}{3}$ (D) 0

140. ;fn $\frac{2a}{1 + \frac{1}{1 + \frac{a}{1-a}}} = 1$] gkks dk eku fudkys\

- (A) $\frac{3}{2}$ (B) $\frac{3}{4}$
(C) $\frac{2}{3}$ (D) 0

141. If $\frac{P}{4} - \frac{P-3}{6} = 1$, then find the value of P?

- (A) 4 (B) 5
(C) 6 (D) 0

141. ;fn $\frac{P}{4} - \frac{P-3}{6} = 1$] gkks] dk eku fudkysa

- (A) 4 (B) 5
(C) 6 (D) 0

142. If $\frac{1}{3} + \frac{1}{2} + \frac{1}{a} = 4$, then a = ?

- (A) $\frac{5}{18}$ (B) $\frac{6}{19}$
(C) $\frac{18}{5}$ (D) $\frac{24}{11}$

142. ;fn $\frac{1}{3} + \frac{1}{2} + \frac{1}{a} = 4$] gkks = ?

- (A) $\frac{5}{18}$ (B) $\frac{6}{19}$
(C) $\frac{18}{5}$ (D) $\frac{24}{11}$

143. If $\frac{a}{b} = \frac{4}{5}$, then value of $\left(\frac{4}{7} + \frac{2b-a}{2b+a}\right)$ is :

- (A) 1 (B) $1\frac{1}{7}$
(C) 2 (D) $\frac{3}{7}$

143. ;fn $\frac{a}{b} = \frac{4}{5}$, gkks $\left(\frac{4}{7} + \frac{2b-a}{2b+a}\right)$ dk eku gS%

- (A) 1 (B) $1\frac{1}{7}$
(C) 2 (D) $\frac{3}{7}$

144. If $\frac{a}{5} - \frac{a}{6} = 4$, then find the value of a ?

- (A) 120 (B) 100
(C) $\frac{5}{6}$ (D) $\frac{2}{3}$

144. ;fn $\frac{a}{5} - \frac{a}{6} = 4$, gkks dk eku fudkys \

- (A) 120 (B) 100
(C) $\frac{5}{6}$ (D) $\frac{2}{3}$

145. $\frac{1}{4}$ of a tanker holds 135 litres of water. What part of tanker is full if it contains 300 litres of water?

- (A) $\frac{5}{9}$ (B) $\frac{1}{2}$
(C) $\frac{2}{3}$ (D) $\frac{9}{5}$

145. VSadj $\frac{1}{4}$ dsHkkx dk 135 yhVj ikuh jgrk gSA VSadj 300 yhVj ikuh Hkjk tk; rks VSadj fdruk Hkkx Hkjsxk\

- (A) $\frac{5}{9}$ (B) $\frac{1}{2}$
(C) $\frac{2}{3}$ (D) $\frac{9}{5}$

146. A cricket team won 3 matches more than they lost. If a win gives them 2 points and loss (-1) point, how many matches, in all, have they played if their score is 25?

- (A) 19 (B) 41
(C) 20 (D) 42

146. ,d fØdsV Vhe thrkk eSp gkHk 3 seSp T;knk thrkk gS] ;fn thrus ij mlsrØkka gkjus ij (-1) vØ feyrk gS] rks crk;sæfd 25 izklr djus ds fy, mlus fdruk eSp gkHkksyk

- (A) 19 (B) 41
(C) 20 (D) 42

147. If $a = 1 + \sqrt{2}$ and $b = 1 - \sqrt{2}$, find the value of $(a^2 + b^2)$:

- (A) 3 (B) 4
(C) 5 (D) 6

147. ;fn $a = 1 + \sqrt{2}$ rFkk $b = 1 - \sqrt{2}$, gkks $(a^2 + b^2)$ dk eku fudkys %

- (A) 3 (B) 4
(C) 5 (D) 6

148. If $x = 5$, then what is the value of $10\sqrt{x^3 - x^2}$

- (A) 250 (B) $200\sqrt{5}$
(C) $100\sqrt{5}$ (D) 500

148. ;fn $x = 5$ gkks] $10\sqrt{x^3 - x^2}$ dk eku D;k gS\

- (A) 250 (B) $200\sqrt{5}$
(C) $100\sqrt{5}$ (D) 500

149. If $\sqrt{\frac{0.0196}{x}} = 0.2$, then $x = ?$

- (A) 0.49 (B) 4.9
(C) 0.049 (D) 0.07

149. ;fn $\sqrt{\frac{0.0196}{x}} = 0.2$, gkks $x = ?$

- (A) 0.49 (B) 4.9
(C) 0.049 (D) 0.07

150. If $3x = 3y = 3z$ and $x + y + z = 27\sqrt{29}$, then

$\sqrt{x^2 + y^2 + z^2}$ is :

- (A) 87 (B) 84
(C) $2\sqrt{29}$ (D) $4\sqrt{29}$

150. ;fn $3x = 3y = 3z$ rFkk $x + y + z = 27\sqrt{29}$ gkks]

$\sqrt{x^2 + y^2 + z^2}$?

- (A) 87 (B) 84
(C) $2\sqrt{29}$ (D) $4\sqrt{29}$

PART-IV
HINDI

151. Is 156½ % uhps fn, x, gSaA lgh fodYi pqfu,A
157. Is 161½ % Hkykks gks
Nis "kCn ds pkj IEHkkfor rkRi;Z fn, x, gSaA lgh mlds fjdR LFkku ds fy, p;u dhft,%
fodYi pqfu,A

151. ykSfdd
(A) idM+ fy;k x;k
(B) ykSdh ls cuk
(C) ,d leku fn[kus okyk
(D) tks bl yksd dh ckr gks

152. Ńik
(A) nŃ[kadgkuqHkfr
(B) nhu O;fDr dh lgk;rk
(C) iSl ls enn
(D) fdlh ds fy, dksbZ djk;Z

153. ladks
(A) fdlh dk;Z dks djauskeZ
(B) vuqfpr dk;Z djausfopdkgV
(C) cqjs deksZ lknq
(D) vkRefo"okl dkukgks

154. fujiŃ k
(A) ftls dM Hkh Kku u gks
(B) tks fdlh dh lqurk u gks
(C) ftldk dksbZ i{k u gks
(D) ftldksfdlh ckr dh dkeuk u gks

155. vi<+
(A) tks i<+us ;ksX; u gks
(B) tks i<+k u x;k gks
(C) ftldk i<+uk euk gks
(D) tks i<+k&fy[kk u gks

156. "k L=
(A) tks gfFk;kj nwilstQas
(B) ftl gfFk;kj dks gkyfdesdM+k tk,
(C) tks gfFk;kj vpwd gks
(D) tks gfFk;kj ea= i<x+djzfy;k tk,

157. dj-----Hkykks gks
(A) lsok (B) Hkyk
(C) cyk (D) cqjk

158. Hkxoku ds ?kj -----/kjs-ugha-gS] va
(A) nhid (B) izkn
(C) njs (D) efwZ

159. -----/ks dksvoj gh gjk utj vkrk g
(A) cpiu (B) lkou
(C) ckr (D) vkj[k

160. cUnj D;k tkus ----- dk Lokn
(A) feBkbZ (B) vnjd
(C) l;kt (D) thjs

161. vades ----- jtkk
(A) yaM+k (B) ywyk
(C) dkuk (D) igyoku

162. Is 166½ % fuEufyf[kraZn;sd iz
x, "kCn ds lekukFkhZ "kCn dkfp;u mld
x, fodYileals dhft,%

162. ifjoŃk
(A) O;ogkj (B) vkjxu
(C) okrkoy.k (D) vkpj.k

163. Nks
(A) fojkx (B) fojg
(C) eer (D) Nwuk

164. uSlfxZd
(A) izkŃfrd (B) dfYir
(C) Ńf=e (D) ikr

165. O;Fkk
(A) {kksHk (B) ihM+k
(C) d'V (D) nq%[k
166. ifjey
(A) lq[k (B) loksZÙke xU/k
(C) foenZu (D) lgokl
167. Is 171½ % fuEufyf[kra;sd iz"u es
x, "kCma;Dq lfU/k ds izdkj dk p;u mlds
uhps fn, x, fode;ksadhft,%
167. uk;d
(A) nh?kZ lfU/k (B) xq.k lfU/k
(C) o`f lfU/k (D) v;kfn lfU/k
168. Hk;k
(A) folxZ lfU/k (B) ;.k lfU/k
(C) O;atu lfU/k (D) v;kfn lfU/k
169. ;"kksnk
(A) Loj lfU/k (B) O;atu lfU/k
(C) folxZ lfU/k (D) buesa ls dksbZ ugha
170. n;kuUn
(A) xq.k lfU/k (B) nh?kZ lfU/k
(C) O;atu lfU/k (D) ;.k lfU/k
171. uh;k
(A) nh?kZ lfU/k (B) O;atu lfU/k
(C) xq.k lfU/k (D) folxZ lfU/k
172. If[k os eq>ls dg dj tkrsA
(A) vKs (B) eSfFkyh"kj.k xqlr
(C) t;"kadj izlkn (D) gfjvKs
173. dud&dud rs lkSxquh ekndrk vf/kdk;A
;g [kk, ckSjkb uj] ok ik, ckSjk,AA
(A) rqylhnkl (B) fcgkjh
(C) dškonkl (D) fo;kh gfj
174. ejh Hko&ok/kk gjkS jk/kk&ukxfj lksbZ
tk ru dh >kbZ ijS L;ke gfjr dZAF gks
(A) Xoky (B) dškonkl
(C) ej[kku (D) fcgkjh yky
175. izHko;hpau ge ikuhA
tkdh v&vackl lekuhAA
(A) jSnkl (B) eywdnkl
(C) xq:ukud (D) dchjnk
176. izxfrokn m;ksokn d;ksa ke gSA
(A) jkefoykl "kekZ
(B) izpUn
(C) uUnnqykjs oktis;h
(D) lqfe=kuUnu iar
177. LFkk;h h;ksa;kyd;druh gS \
(A) ukS (B) nl
(C) X;kjg (D) ckjg
178. jl ds fdrus vax;gSa\
(A) nks (B) pkj
(C) ik;p (D) N%
179. loZjB jl fdls ekuk tkrk gS\
(A) jkSjh (B) J`axkj jl
(C) d:.k jl (D) ohj jl
172. Is 176½ % fuEufyf[kra;sd iz"u es
xbZ iafDr;ksa ds jpf;rk ds pkj IEHkfor m;ksa f;cgkjh eq[;r% fdl jl ds dfo gSa\
x, gSA mi;qDr jpf;rk ds uke dk p;u dhft,%
(A) d:.k (B) HkfDr
(C) J`axkj (D) ohj
181. NUn dk loZizFke mYys[k dgkj feyrk g
(A) _Xosn (B) mifu'kn
(C) lkeos (D) ;tq;zn

182. NUN eq[; :i ls fdrus izdkj ds gksrs gSa. pkSjkgk
 (A) nks (B) rhu (A) cgqczhfg (B) rRiq:'k
 (C) pkj (D) N% (C) vO;;hHkko (D) f)xq
183. fdl NUN dk izFke o vfUre "kCnr,d&lfurkZ/4192 ls 196½ % fuEufyf[kr izR;sd p
 gS Is csesy ¼vlaxr½ fda;gRkshft,A
 (A) nksgk (B) jksyk
 (C) lksjBk (D) dq.Mfy;k 192.
 (A) "kkjhfd (B) nSfgd
 (C) ekufld (D) vkf/k
184. Nli; fdl izdkj dk NUN gSa\
 (A) fo'ke (B) le
 (C) v)Ze (D) ekf=d 193.
 (A) pks (B) t[e
 (C) [kwu (D) ihM+k
185. nksgk fdl izdkj dk NUN gSa\
 (A) le~ (B) fo'ke
 (C) v)Ze (D) bueas ls dksbZ ugha
 (A) izfr;ksrk (B) Htks
 (C) f[kykM+h (D) nkM+
186. fuEufyf[kraeskf=d le NUN dk dkSu&lk mnkgj.k gS\
 (A) nksgk (B) lksjBk 195.
 (C) pkSikbZ (D) ;s lHkh (A) ;qorh (B) ckfydk
 (C) nqrk (D) uo;qod
- furkZ/4187 ls 191½ % fuEufyf[kr izR;sd "kCn ds fy,
 mlds uhps fn, x, foed;ls mi;qDr lekl 196.
 N;fV,%
 (A) jkk (B) dks
 (C) ve'kZ (D) v"lks
187. jkekuqt
 (A) rRiq:'k (B) nU
 (C) deZ/kkj; (D) cgqczhfg
 furkZ/4197 ls 200½ % fuEufyf[kr izR;sd; dk p;u
 dhft,%
188. lifjokj
 (A) vO;;hHkko (B) rRiq:'k
 (C) f)xq (D) cgqczhfg 197.
 (A) mlus dgk fd dk;kZy; dkHtks
 (B) lqcg gqbZ vkSj og vk x;kA
 (C) jkgqy /khjs&/khjs fy[krk gSA
 (D) tks c[ka]mEku nksA
189. jkr&fnu
 (A) f)xq (B) rRiq:'k
 (C))U (D) deZ/kkj;
190. ouokl
 (A) vO;;hHkko (B) deZ/kkj;
 (C) rRiq:'k (D) }U)

198.

- (A) og T;lgavk,] esjs ikhlskA
(B) fuf/k VkbZi djuk lh[k pqdh] vc og "kkeZns" laefodkl dk;ksZ dh izxfr /kheh jg gS.M lh[k jgh gSA
(C) fot; dks vkfa QkSju pyk vk,A
(D) ;FkklaHko ;g dk;Z "kke rd iwjk dj nks

199.

- (A) mldks bruh fufes; er nks fd ag mUgs fuHkk u ldsA
(B) mUgkds feyuk pkfg, ftuls O;ogkj dh f"kk{kk feysA
(C) dksbZ ugha tkurk fd dy D;k gksxkA
(D) n;k ls c<+dpZkskko ugha gSA

200.

- (A) folk ls c<+dj dksbZ /ku ugha gSA
(B) "ns" laefodkl dk;ksZ dh izxfr /kheh jg gS.D;ksd ljdkj ds ikl /ku ugha FkkA
(C) cMeksapkg, fd aPskizfr vius O;ogkj dks fu;af=Aj[ks
(D) ;fn lQyrk pkgrs gks ifijje djuk gh iMs+zk

PART-IV
ENGLISH

Direction (151-155) : In each of the questions, arrange the jumbled letter or phrases to make a meaningful sentence :

151. P. each year
Q. two to five adults
R. get gold
S. on an average
(A) PSQR (B) PRSQ
(C) SRQP (D) RSQP
152. P. can be dangerous
Q. the indiscriminate
R. without medical supervision
S. and critical use of any drug
(A) PQRS (B) PRQS
(C) QSRP (D) SPQR
153. P. destroyed careers
Q. many
R. has resulted in
S. drug addiction
(A) PQSR (B) PRQS
(C) SRQP (D) SPQR
154. P. by making swallowing difficult
Q. a sore throat
R. daily life
S. interferes with
(A) QSRP (B) QPRS
(C) PRQS (D) PQRS
155. P. America's
Q. in 1961
R. war launched
S. first manned aircrafts
(A) PRQS (B) PQSR
(C) QSRP (D) PSRQ

Direction (156-160) : In the following questions, a sentence/ part of sentence is printed underlined. Below four alternatives are given to the underlined part of the sentence as (A), (B) and (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (D):

156. The student's interest was raised by an article he had read :
(A) quickened (B) multiplied
(C) increased (D) no improvement
157. This telephone number is not existing:
(A) has not existed (B) has not been existing
(C) does not exist (D) no improvement
158. The businessman is respectively connected :
(A) respectfully (B) respectably
(C) receptively (D) no improvement
159. I met him in the way :
(A) on the way (B) at the way
(C) during the way (D) no improvement
160. The boy said that he has read the book :
(A) he has already read
(B) he had read
(C) he has finished to read
(D) no improvement

Direction (161-165) : Read the passage carefully and choose the best answer to each question out of the four alternatives :

Passage

The advent of electric power was, in a way, comparable to the successful development and application of nuclear power in 20th century. In fact, the historical roots of electricity extend far back into antiquity. Many men had a hand both in acquiring basic knowledge about the invisible form of power

and in developing the ways adopted for practical purpose. One of the vital keys that helped to unlock the doors leading to the production of electricity was the discovery, in 1831, of the principle of electromagnetic induction. This discovery was made simultaneously by Michael Faraday in England and Joseph Henry in the United States. From it came the generator, sometimes also called dynamo but several decades of development had to follow before the first practical dynamos or generator came into existence in early 1870 :

Direction (166-170) : In the following passage some of the words have been left out. After reading carefully fill in the blanks with the help of given alternatives :

Passage

‘CRY-child relief and you’ 196 an organization that 197 started by seven such 198 and it has been working 199 1979 to change the lives of 200 children all over India.

161. According to the author :
 (A) Michael Faraday and Joseph Henry revolutionized electricity in the USA
 (B) Nuclear power and electricity were discovered in the 20th century
 (C) The discovery of the principle of electromagnetic induction was not an important discovery
 (D) The advent of electric power is equivalent to the application of nuclear power in 20th century
162. Michael Faraday and Joseph Henry discovered :
 (A) the application of nuclear power
 (B) the generator
 (C) the dynamo
 (D) the principle of electromagnetic induction
163. Another word for ‘advent’ is :
 (A) discovery (B) arrival
 (C) invention (D) constitution
164. The generator was also known as the :
 (A) inductor (B) dynamo
 (C) inventor (D) conductor
165. Give a synonym for “antiquity”.
 (A) Ancient (B) Antipathy
 (C) Modern (D) Uniqueness
166.
 (A) was (B) is
 (C) are (D) being
167.
 (A) has (B) being
 (C) was (D) been
168.
 (A) friends (B) men
 (C) people (D) individuals
169.
 (A) since (B) during
 (C) for (D) until
170.
 (A) underprivileged (B) privileged
 (C) hopeless (D) denuded
171. I found it difficult to cope mathematics at the advanced level :
 (A) with (B) of
 (C) for (D) up
172. He was congratulated receiving his degree :
 (A) on (B) for
 (C) by (D) of

Direction (171-175) : Fill in the blanks with the appropriate word, choosing it from options given :

173. Some people quarrel very trivial matters : 180.

- (A) over (B) in
(C) for (D) by

- (A) Make a list of foods that contain
(B) harmful
(C) chemicals
(D) No error

174. "May I know to I am speaking."

- (A) whom (B) who
(C) how (D) where

175. Bear..... me as I explain the matter more fully:

- (A) in (B) of
(C) with (D) for

Direction (181-185) : In the following questions, choose the word from four alternatives which is most nearly opposite in meaning to the given word :

Direction (176 -180) : In each sentence below

four words have been printed in separate parts which are lettered (A), (B), (C) and (D). One of these parts may be mis spelt or an error in the context of the sentence the letter of that part is your answer. If there is no error, your answer is (D). i.e. No error.

176.

- (A) Collect newspaper and magazine having articles on oil
(B) pullution and
(C) discuss them.
(D) No error

181. Spiritual

- (A) Earthly (B) Superior
(C) Material (D) Disccord

182. Harmony

- (A) Agreement (B) Melody
(C) Confusion (D) Discord

183. Compulsion

- (A) Constraint (B) Choice
(C) Freedom (D) Spontaneity

184. Waste

- (A) Gain (B) Profit
(C) Nourish (D) Loss

177.

- (A) We can demonstrate the
(B) phenomenon of evaporation and
(C) condensation
(D) No error

185. Successor

- (A) Follower (B) Prodecessor
(C) Guide (D) Professor

Direction (186-190) : In the following questions. Out of four alternatives, choose the one which best expresses the meaning of the given word as your answer:

178.

- (A) People dewlling in remote areas
(B) suffer a lot because of
(C) in accessibility to hospitals
(D) No error

186. Honest

- (A) Authentic (B) Upright
(C) Direct (D) Actual

179.

- (A) It is interesting that
(B) floating docks and even
(C) ships can be made of concreat
(D) No error

187. Vocation

- (A) Examination (B) Seminar
(C) Occupation (D) Holiday

188. Ingenuous

- (A) Innocent (B) Artful
(C) Cunning (D) Clever

189. Innocuous
 (A) Careless (B) Harmless
 (C) Insufficient (D) Irresponsable

195. The conference takes place once in three years?
 (A) Tetraenning (B) Triennial
 (C) Treennial (D) Thriennial

190. Insolent
 (A) Disrespectful (B) Insoluble
 (C) depreciating (D) the sole of a shoe

Direction (196-200) : In the following questions, groups of four words are given. In each group one word is correctly spelt. Find the correctly spelt word :

Direction (191-195) : In the following questions, out of 196. the four alternatives, choose the one which can be substituted for the given words/sentence

- (A) Variety (B) Anxdety
 (C) Gaitey (D) Sodety

191. A person who readily believes others :
 (A) Credible (B) Credulous
 (C) Sensitive (D) Sensible

197.
 (A) Coersion (B) Precision
 (C) Negociation (D) Explation

192. The political leader has an evil reputation. He is not trusted :
 (A) is notorious (B) is malicious
 (C) is magnanimous (D) is dubious

- (A) Harrassment (B) Commitment
 (C) Breevement (D) Temperament

193. A person who helps even a stranger in difficulty :
 (A) Samaritan (B) Altruist
 (C) Philanthropist (D) Beneficiary

199.
 (A) Inefable (B) Inacesible
 (C) Infallible (D) Invinsieble

194. The production of raw silk :
 (A) Sericulture (B) Seroculture
 (C) Sariculture (D) Syrumculture

200.
 (A) Expact (B) Impact
 (C) Exite (D) Imped

jQdk;Z ~~dy~~, txg /SPACE FOR ROUGH WORK

jQdk;Z dy, txg /SPACE FOR ROUGH WORK