

DO NOT OPEN THIS BOOKLET UNTIL TOLD TO DO SO

इस पुस्तिका को आदेश मिलने पर ही खोलें

Time Allowed: 90 Minutes

vy,pr yp; : 90 fpy<  
120

**PAPER – I**

Total No. of Questions : 120

péyy`a dt d,y yaα;γ :

Roll No. :

vy,Øpyad : .....

(Paper-I) OMR Answer Sheet No. :

(j`jj-i) vY`.,p.vYj. vsyj jf7dy yaα;γ :  
.....

Name of the Candidate (in capital letters) :

vH;FyÊ dy Yyp : .....

Candidate's Signature

vH;FyÊ d` gkry{Yj : .....

Invigilator's Signature

d{Y fyjt{Yd d` gkry{Yj :  
.....

POST CODE	NAME OF THE POST	SUBJECT
<b>A, B, C F, G, H and I</b>	JE Civil Engineering / JE Electrical Engineering/ JE Mechanical Engineering / AG-III (General)/ AG-III (Accounts) / AG-III (Technical)/ AG-III (Depot)	General Aptitude Consisting of Reasoning, Data Analysis, English Language, Computer Proficiency, General Awareness, General Intelligence, Current Events, Numerical Ability, Data Interpretation.

fgUnt p`a vYn`èy vfUrp j e< (Back cover) jj fn;γ y;γ g“j

**IMPORTANT:- Read the following instructions carefully. Do not mark answers on the question booklet, otherwise you may be debarred from the selection process.**

1.	<p>Before commencing to answer, check that the Question Booklet has 120 questions. Each Question Booklet will be in different series (combination of question booklet number and series). You must <b>write correct Question Booklet Number and Question Booklet Series</b> on your OMR Answer Sheet. <b>Further check that there is no misprinting, overprinting and/or any other shortcoming in it.</b> If there is any shortcoming in the question booklet, intimate the same to your room invigilator and take a fresh question booklet and a fresh OMR sheet. <b>No complaint in this regard shall be entertained at any later stage.</b></p> <p><b>IMPORTANT NOTE:</b> The OMR Answer Sheet will be evaluated <b>with a combination of question booklet series and question booklet number</b> hence you must write correct question booklet series and question booklet number. Any mistake in filling any of them will lead to invalidation of your OMR Answer Sheet. Also in case of non filling of question booklet series and question booklet number the OMR Answer Sheet will not be evaluated and its sole responsibility lies on the candidate.</p>
2.	<p>Question paper is bilingual (Hindi/English). In case of any variation in Hindi version, English version will be taken as final for evaluation purposes.</p>
3.	<p><b>Ensure that your admit card and OMR sheet is signed by you and the invigilator. If the same is not signed, your candidature is liable to be rejected.</b></p>
4.	<p>All Multiple Choice Questions carry 1 mark. No Mark will be awarded or deducted for not attempting a question. Darken <b>ONLY ONE OVAL</b> for each answer. If you darken more than one oval or any stray mark is found on more than one oval, no mark will be awarded for that oval.</p>
5.	<p>This is an objective type test in which each objective question is followed by four responses serialled (1) to (4). Your task is to choose the correct/best response and mark your response <b>in the OMR Answer Sheet only as per the instructions given and NOT in the Question Booklet.</b></p>
6.	<p><b>Use Blue/Black Ball Point Pen</b> for all your work on the OMR Answer Sheet. The ovals on the OMR Answer Sheet are to be completely filled by <b>Blue/Black Ball Point Pen only. ANSWERS ONCE GIVEN CAN NOT BE CHANGED. Cutting/overwriting the answers are not allowed.</b></p>
7.	<p>Use of Calculators, Slide rules, Mobiles, calculator watches or any such devices and any other study/reference material is <b>NOT</b> allowed inside the examination hall and prohibited If found carrying, it shall be punishable offence.</p>
8.	<p>Rough Work is to be done in the blank space provided in the Question Booklet, <b>not on the OMR Answer Sheet.</b> No other paper will be allowed/provided for rough work.</p>
9.	<p>Handover OMR Answer Sheet to the invigilator on completion of the test. Do not take OMR Answer Sheet outside the examination room. <b>Doing so is a punishable offence. The candidate can retain question paper after exam is over.</b></p>

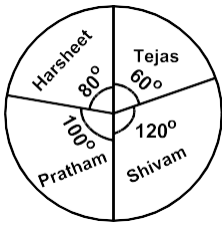
1. The first women to climb mountain Everest peak was:

- (1) Marie Jose Percec (2) Florence Griffth Joyner  
 (3) Junko Tabei (4) Jackie Joyner Kersee

2. Which one of the following European countries borders Atlantic ocean?

- (1) Portugal (2) Austria  
 (3) Finland (4) Romania

DIRECTIONS: The pie chart, given here, represents the number of valid votes obtained by four students who contested election for school leadership. The total number of valid votes polled was 720. Observe the chart and answer the question based on it.



3. By how many votes did the winner defeat his nearest rival?

- (1) 35 (2) 45  
 (3) 40 (4) 50

4. In the constitution of India, promotion of International peace and security is included in the:

- (1) Preamble of the constitution  
 (2) Directive principles of state policy  
 (3) Fundamental duties  
 (4) Ninth Schedule

5. In a certain code language, the word 'NUMERICAL' is written as 'LMUIREACN'. How will the word 'PUBLISHED' be written in that language?

- (1) DBUSLIHEP (2) DBUSILEHP  
 (3) DUBSLIEHP (4) DUBILSEHP

6. The arranging of data in a logical sequence is called:

- (1) Classifying (2) Summarizing  
 (3) Reproducing (4) Sorting

7. A half byte is known as:

- (1) Nibble (2) Data  
 (3) Bit (4) None of these

8. In a survey, it was found that 55% go for jogging, 50% do yoga, 42% do aerobics, 28% do jogging and yoga, 20% do yoga and aerobics, 12% go for jogging and aerobics and 10% do all three. If each one of them go for atleast one of these, then what percentage do exactly one exercise?

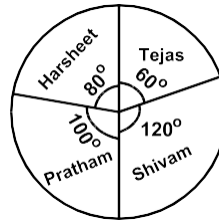
1. ,ojsLV ioZr fèkakj ij p<+us okyh çFke efgyk Fkh:

- (1) esjh tksl isjrd (2) ¶lyksjsUl xzh¶Fk tkW;uj  
 (3) tUdks Vsch (4) tSdh tkW;uj djlh

2. fuEufyfakr esa ls dkSu-lk ;wjksih; nsèk vVykfUVd egklkxj dh lheklis tqM+k gS:

- (1) iqrZxky (2) vkfLVª;k  
 (3) fQuySoM (4) jksefku;k

funsZèk: fn;s x, ikbZ pkVZ esa pkj fopkfFkZ;ksa }kjk çklr oS/k erksa dh laa;k nèkkZ;h xbZ gS ftUgksaus Ldwy ds usr Ro ds fy;s pquko yM+kA Mkys x;s dqy oS/k erksa dh laa;k 720 FkhA pkVZ dk voyksdu djsa ,oa bl ij vk/kkfjr çèu dk mÜkj nsaA



3. fotsrk us vius fudVre çfr}Unh dks fdrus erksa ls gjk;k\

- (1) 35 (2) 45  
 (3) 40 (4) 50

4. Hkkjrh; lafo/kku esa vUrjkZ'Vªh; èkkfUr ,oa lqj{kk dks çksRlkgu nsuk fdlesa lfEefyr fd;k x;k gS:

- (1) lafo/kku ds çLrkouk esa  
 (2) jkT; ds uhfr funsZèkd fl)kUr esa  
 (3) ekSfyd drZO;ksa esa  
 (4) ukSoha vuqlwph esa

5. fufèpr dksM Hkk'kk esa èkèn ^NUMERICAL\* dks ^LMUIREACN\* fyakk tkrk gS rks mlh mlh dksM Hkk'kk esa ^PUBLISHED\* dks D;k fyakk tk;sxk\

- (1) DBUSLIHEP (2) DBUSILEHP  
 (3) DUBSLIEHP (4) DUBILSEHP

6. rkfdZd vuqØe esa vkjdm+s dk foU;k\l dgykrk gS:

- (1) oxÊdjok (2) lejkbZft+ax  
 (3) fjçksM~;wflax (4) èkkWfv±x

7. gkQ ckbZV dks tkuk gS: tkrk

- (1) fuëcy (2) MkVk  
 (3) fcV (4) buesa ls dksbZ ugha

- (1) 40% (2) 49%  
 (3) 57% (4) 59%

8. losZ esa ;g ik;k x;k] fd 55% tkWfxax ds fy;s tkrs gSa] 50% ;ksxk djrs gSa] 42% ,jksfcd djrs gSa] 28% tkWfxax ,oa ;ksxk djrs gSa] 20% ;ksxk ,oa ,jksfcd djrs gSa] 12% tkWfxax ,oa ,jksfcd rFkk 10% lHkh rhuksa djrs gSaA ;fn muesa ls çR;sd de ls de ,d dsfy;s tkrk gS] rks dkSu—lk çfrèkr IVhd ,d O;k;ke djrk gS\

(1) 40%

(2) 49%

(3) 57%

(4) 59%

9. \_\_\_\_\_ language is used to create macros in MS Excel

- (1) Visual C++ (2) Visual Basic  
(3) Java (4) C++

10. Match List-I (temple/Heritage site) with List-II (State) and select the correct answers using the codes given below:

List-I

1. Brihadeshwara Temple  
2. Dilwara Temple  
3. Lingraja Temple  
4. Hampi Group of Mountains

List-II

- A. Orissa  
B. Tamil Nadu  
C. Karnataka  
D. Rajasthan  
E. Kerala

- (1) A1, C2, E3, D4 (2) B1, D2, A3, C4  
(3) B1, C2, A3, D4 (4) A1, D2, E3, C4

11. John O'Keefe, May- Britt Moser and Edward Moser won the Nobel Prize 2014 in the field of:

- (1) Chemistry (2) Physiology or Medicine  
(3) Physics (4) Economic Sciences

12. Beji Caid Essebsi was recently sworn in as the President of which of the following countries:

- (1) Belgium (2) Tunisia  
(3) Fiji (4) Sudan

13. Iain Hume was recently awarded the Golden Ball Award for the best player of Indian super League . He was related to which of the following teams at the time of winning:

- (1) Atletico De Kolkata  
(2) Kerala Blasters FC  
(3) Delhi Dynamos FC  
(4) Mumbai City FC

14. India has exported its first warship named "CGS Barracuda" to which of the following countries?

- (1) Maldives (2) Bhutan  
(3) Nepal (4) Mauritius

DIRECTIONS: In a classroom, there are 5 rows, and 5 children A, B, C D and E are seated one behind the other in 5 separate rows as follows.

15. A is sitting behind C, but in front of B. C is sitting behind E. D is sitting in front of E. The order in which they are sitting from the first row to the last is.

- (1) DCEAB (2) DECBA  
(3) DECAB (4) DCEBA

16. As per Reserve Bank of India KYC norms, full KYC exercise is to be done at least every.....years for low risk category of customers:

- (1) 10 (2) 2  
(3) 8 (4) 5

9. MS Excel p`a p`Øy`щ vRjé djy` d` fy; ..... Hyyeyy p;ä gy`ry g`:

- (1) Visual C++ (2) Visual Basic  
(3) Java (4) C++

10. y`pt-I (pfUnj//vyj`gj kFyy) dy` y`pt-II (jyT;) y` y,p`fyr dj`a ,oa ytp`fn;` y, dy`Mγ` dy p;γ`y djr` g., ygt vsyj p,y`aj

y`pt-I

1. c`gn`éoj pfUnj  
2. fnyoyM.γ pfUnj  
3. fyayjщ pfUnj  
4. jgyM.γ` dy gtjt yp,ny;

y`pt-II

- A. vM.tyy  
B. rfpyyM.  
C. dyγ`d  
D. jyщkFyy  
E. d`jy

- (1) A1, C2, E3, D4 (2) B1, D2, A3, C4  
(3) B1, C2, A3, D4 (4) A1, D2, E3, C4

11. щγ`y vy`dtQ, p`-fccx py`щj ,oa ,MoM' py`щj y` yy`c`y j,jkdyj 2014 fdy {γ`7 p`a щтγ:

- (1) jyy;γ (2) éyyjtfjd foKyy ;γ vy`eyf/γ  
(3) Hγγ`frd éyyk7 (4) vyfFγ`d foKyy

12. c`щт d`M ,y`c`yt dy` vHyт gyy gt p`a fytyfyfayr fdy n`éy d` jyex`qjfr d` vj p`a éyjFγ fnyγ;γ y;γ:

- (1) c`fYщ;p (2) <.;y`fy;γ  
(3) fQщт (4) y`Myy

13. b`;yy c; p dy` vHyт gyy gt p`a bafM;y y,jj yty d` yo`J`e< fayyyM.t d` vj p`a yy`YMy cy`y voyM' y` yoyщγ y;γj og щтr d` yp; jj fytyfyfayr fdy <tp y` yacfU/γr Fγ`:

- (1) ,γ`fcdγ` Mt dy`ydyrγ  
(2) d`jy éyyk<y' ,Q.yt.  
(3) fnYyt Mγ;ypγ`y ,Q.yt.  
(4) p,tcb' fy<t ,Q.yt.

14. Hyyjr y` vHyт gyy gt p`a vjyy βCGS cyjyd,MγP yypd pFγp ;,)jy`r fdy n`éy dy` fy;γ`r fd;γ?

- (1) pyy}to (2) Hγ<yγ  
(3) y`jyy (4) pyjtéyy

fyn`éy: ,d d{γγ p`a, 5 dryj g`a, vy`j 5 cPp` A,B,C,D ,oa E g`a щγ` ,d-n,yj` d` jtN` 5 j`Fyd dryjy`a p`a c`<` g`aj

15. A, c d` jtN` c`<y g`, jjUr, B d` yppy` g`j c, E d` jtN` c`<y g`j D, E d` yppy` c`<y g`j pFγp dryj y` vfUr p rd o` fdy Øp p`a c`<` g`aj

- (1) DCEAB (2) DECBA  
(3) DECAB (4) DCEBA

16. fжщ.о' с“ad vγ̇Q bafM;γ d` κγс fγ;рγ`a d`  
vy,γγj j,оγ' κγс pfØ;γ dp y` dp pR;`d .....  
оeyγ± p`a dp щγ`fayp J`oyt оγγ` ycygdγ`a d` fγ;`  
fd;γ щγγγ g“:

(1) 10  
(3) 8

(2) 2  
(4) 5

DIRECTIONS: (Question No. 17 to 21) Study the following information correctly and answer the question given below.

Total population of a village is 5000. The ratio of males to females is 3:2. Among the male population the ratio of adults to children is 1:2. Among the female population, the ratio of adults to children is 1:1. Among the male adults 80% are educated where as among the female adults 60% are educated. 60% of the female adult population is married and 20% of them are married outside the village.

17. How many adults are uneducated in the village in all:

- (1) 1400 (2) 600  
(3) 500 (4) 1000

18. If there are 2700 children enrolled in school, what percent of children are not enrolled in school?

- (1) 5% (2) 10%  
(3) 15% (4) 20%

19. If 1000 adult males are married, find the number of adults females who are not married in the same village:

- (1) 120 (2) 240  
(3) 300 (4) None of these

20. What percent of adults population is uneducated?

- (1) 20% (2) 25%  
(3) 30% (4) 40%

21. Find the ratio of adult males to adult females?

- (1) 1:1 (2) 1:2  
(3) 2:3 (4) 3:2

22. What do you press to enter the current date in a cell?

- (1) CTRL + ; (semicolon)  
(2) CTRL + SHIFT + : (colon)  
(3) CTRL + F10  
(4) CTRL + F11

23. Which of the following circuit is used as a 'Memory device' in computers?

- (1) Rectifier (2) Flip-Flop  
(3) Comparator (4) Attenuator

24. Which one of the following is the query language for the INGRES DBMS?

- (1) Quel (2) QBE  
(3) SQL (4) All of the above

25. National Optic Fibre Network is the largest rural connectivity project in the World. First state of India to connect all its district gram panchayats through this:

- (1) Gujarat (2) Kerala  
(3) Karnataka (4) Tamilnadu

fytyfyfayr (pèy yaa;ç 17 y` 21) fytyfyfayr yçpyyvy`a dy` ygt y` jç.`a ,oa ytp` fn;` y, pèyy`a dy ygt vsyj n`aj

,d yyio dt d,y uyyaa;ç 5000 g`j j,vey y` pfgyyvy`a dy vy,jyr 3:2 g`j j,vey uyyaa;ç p`a O;kd y` cPpç`a dy vy,jyr 1:2 g`j pfgyy uyyaa;ç p`a O;kd y` cPpç`a dy vy,jyr 1:1 g`j j,vey O;kd p`a 80% fèyfçyr g`a uç fd pfgyy O;kd p`a 60% fèyfçyr g`aj 60% O;kd pfgyy uyyaa;ç fooyfgr g`a ,oa 20% pfgyyvy`a dt èyynt yyio d` cygj g,b' g`aj

17. yyio p`a d,y fdry` O;kd vfèyfçyr g`a:

- (1) 1400 (2) 600  
(3) 500 (4) 1000

18. ;fn kd,y p`a d,y 2700 cPp` jactNr g`a, ry` kd,y p`a fdry` cPp` jactNr ygta g`a?

- (1) 5% (2) 10%  
(3) 15% (4) 20%

19. ;fn 1000 O;kd j,vey fooyfgr g`a, ry` vy O;kd pfgyyvy`a dt yaa;ç cry,a uç` vyt yyio p`a fooyfgr ygta g`a:

- (1) 120 (2) 240  
(3) 300 (4) byp`a y` dy`b' ygta

20. uyyaa;ç dy d,y fdryy pfrèyr O;kd vfèyfçyr g`a?

- (1) 20% (2) 25%  
(3) 30% (4) 40%

21. O;kd j,vey y` O;kd pfgyy dy vy,jyr cry,a?

- (1) 1:1 (2) 1:2  
(3) 2:3 (4) 3:2

22. fdyt y`y p`a vyu dt ryjtay nuç' dyy` d` fy, vyj D;ç ncyr` g`a?

- (1) CTRL + ; (semicolon)  
(2) CTRL + SHIFT + : (colon)  
(3) CTRL + F10  
(4) CTRL + F11

23. dal;ç jy`a p`a ^p`py`jt fMoyby\* d` vj p`a fyty p`a y` dy`yy` jfjFy dy jc;y`y fd;y ucyry g`a?

- (1) fneçdyjt (2) fçjyç-fçjyç  
(3) rçyyçdyjt (4) ryçdyjt

24. fytyfyfayr p`a y` dy`y-yt INGRES DBMS d` fy, jçPNy Hyeyy g`a?

- (1) Quel (2) QBE  
(3) SQL (4) vj;ç`ä yHyç

25. y`èyyy vy`flçd Qyb'cj y`çod' foèo p`a ycyptoy ytc)ry jfj;y ucyç dy ycy` çM.y y`çod' g`j Hyjyr dy pFyp jyT; fuyy` vjy` ygt fuyy`a dt yHyç ycyç japy;ry` dy` byd`

рү/;р у` щү`М.ү:

(1) у,щјүг

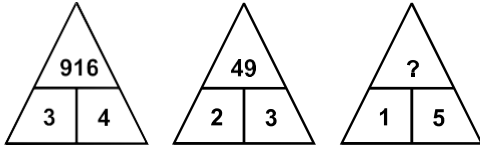
(3) дүү'<d

(2) d`jy

(4) рруууМ.



26. Find the missing number.



- (1) 512  
(2) 125  
(3) 256  
(4) 315

27. A "CD" player having a price tag of ` 900 is sold for ` 729 after two successive discounts. If the first discount was 10%, then what was the second discount?

- (1) 12%  
(2) 8%  
(3) 10%  
(4) 6%

28. The area of two circular fields are in the ratio 16:49. If the radius of the latter is 14 m, then what is the radius of the former?

- (1) 10 m  
(2) 8 m  
(3) 12 m  
(4) 9 m

29. In a game of cards, A and B together had four times as much money as 'R', while R and B together had three times as much as A. What fraction of the total money did R have in the game?

- (1) 1/7  
(2) 1/5  
(3) 1/12  
(4) 2/9

30. Two pipes 'A' and 'B' can fill a tank in 15 minutes and 20 minutes respectively. Both the pipes are opened together but after 4 minutes, pipe 'A' is turned off. What is the total time required to fill the tank?

- (1) 12 minutes 40 sec.  
(2) 11 minutes 35 sec.  
(3) 14 minutes 40 sec.  
(4) 13 minutes 35 sec.

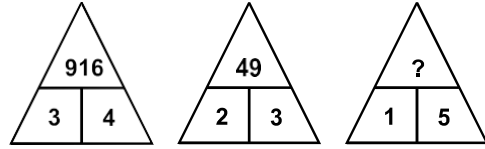
31. Sushasan Express which was recently flagged off will run between:

- (1) Gwalior and Jabalpur  
(2) Gwalior and Jaipur  
(3) Jhansi and Lucknow  
(4) Gwalior and Gonda

32. The recommendation of setting up of National Environment Management Authority and State Environment management Authority has been proposed by:

- (1) Subramanian Panel  
(2) Shunglu Panel  
(3) Kelkar Panel  
(4) Javedkar Panel

26. foy,lr yaq;v Kvr dj'aj



- (1) 512  
(2) 125  
(3) 256  
(4) 315

27. ,d yt.Mt. ly';j fuydt dtpr ` 900 g", n'v' vy,Øfpd N'c' d' jèpyr'c' ` 729 p'a c'py uyr'v g"j ;fn jgyt N'c' 10% Fyt, r'v' n'c'yjt N'c' fdryt Fyt:

- (1) 12%  
(2) 8%  
(3) 10%  
(4) 6%

28. n'v' o'c'syt; p"nuyy'a d' {y'7Qy dy vy,jyr 16:49 g"j ;fn cyn oyy' o'c'sy dt f7T;y 14 pt'j g", r'v' jgy' dt f7T;y D;y g"?

- (1) 10 pt'j  
(2) 8 pt'j  
(3) 12 pt'j  
(4) 9 pt'j

29. dyM' d' ,d ay'y p'a A ,oa B d' jyy R d' /yy dy pyj y,y' /yy Fyyj uc fd R ,oa B fpydj A d' /yy y' fry,y' /yy jayr' Fy'j d,y jdp dy dy"y-y' fgky' R d' jyy ay'y p'a Fyy?

- (1) 1/7  
(2) 1/5  
(3) 1/12  
(4) 2/9

30. n'v' jyb'j A ,oa B Øpèy: ,d <adt dy' 15 fpy' ,oa 20 fpy' p'a Hyj ydr' g"aj n'v'yy'a jyb'j ,d yyFy ay'v' y' uyr'v g"a y'fdy 4 fpy' jèpyr'c' jyb'j A dy' cUn dj fn;y uyr'v g"j <adt dy' Hyjy' d' fy; d,y fdryy yp; yy'yy?

- (1) 12 fpy' 40 y'd`oM  
(2) 11 fpy' 35 y'd`oM  
(3) 14 fpy' 40 y'd`oM  
(4) 13 fpy' 35 y'd`oM

31. y,éy'yy ,Dyp'y fuy' vHy't gyy gt p'a pyy;y y;y; fdy éy'gy'a d' p'; py'yy:

- (1) Xoyfy;j ,oa uc'yj,j  
(2) Xoyfy;j ,oa u;j,j  
(3) >yayt ,oa yayy'Á  
(4) Xoyfy;j ,oa yy'UMy

32. jye'at; j;y'ojoy pcU/yy vf/ydjoy ,oa jyT; j;y'ojoy pcU/yy vf/ydjoy dy' kFyy'fjr djy' dt vy,éyayy fdy'v pkr'yfor fd;y:

- (1) y,ccypU;y j"yy  
(2) éy,ayy, j"yy  
(3) d'ydj j"yy  
(4) uyo'M.dj j"yy

33. Recently India pledged to provide 69 million rupees assistance to Nepal. This was for:
- (1) Earthquake Assistance
  - (2) Iodine Deficiency Programme
  - (3) Educational assistance
  - (4) Cancer research programme
34. A sum of money at compound interest doubles itself in 15 years. It will become eight times of itself in?
- (1) 30 years
  - (2) 45 years
  - (3) 35 years
  - (4) 40 years
35. An alloy of steel contains iron and carbon in the ratio 3:4. If 120 kg of iron is added to the alloy, then the same ratio become 5:4. Find the initial quantity of iron in the alloy.
- (1) 175 kg
  - (2) 180 kg
  - (3) 160 kg
  - (4) 185 kg
36. S.D.R with reference to IMF stands for:
- (1) Special Dollor Rights
  - (2) Special Drawing Rights
  - (3) Single Drawing Rights
  - (4) Sunk Drawing Rights
37. The name of India research station at the North pole:
- (1) Dakshin Gangotri
  - (2) Maitri
  - (3) Himadri
  - (4) None of the above
38. Which of the following places the common data elements in order from smallest to largest?
- (1) Character, file, record, field, database
  - (2) Character, record, field, file, database
  - (3) Character, field, record, file, database
  - (4) Bit, byte, character, record, field, file, database
39. 'AS' clause is used in SQL for:
- (1) Selection operation
  - (2) Rename operation
  - (3) Join operation
  - (4) Projection operation
40. CMM level 1 has:
- (1) 6 KPAs
  - (2) 2 KPAs
  - (3) 0 KPAs
  - (4) 1 KPAs
41. A horse is tied with a rope of length 7 m at one corner of a square field having side equal to 10 m. Find the minimum possible area of the square field that is left ungrazed:
- (1) 65.5 m<sup>2</sup>
  - (2) 61.5 m<sup>2</sup>
  - (3) 75.5 m<sup>2</sup>
  - (4) None of these
33. vHyT gyy gt p`a HyYjr y` y`jyy dY` 69 ppy;y vj;` ygy;ry pnyy  
djy` dY vYeoYyy fn;yj ;g fdyd` fy;` Fyy:
- (1) Hy dtj ygy;ry
  - (2) vY` ;Y` fMy dt dpt dY;`Øp
  - (3) eY`f{yd ygy;ry
  - (4) d`ayj vy,ya/yYy dY;`Øp
34. pØo,f) e;Yw jj ,d jdp 15 oeYy`± p`a vjy` dY` n,y,yt dj y`rt g`j  
;g vjyt jdp dY vY< y,yY fdry` oeY' p`a gy` wY;`yt?
- (1) 30 oeY'
  - (2) 45 oeY'
  - (3) 35 oeY'
  - (4) 40 oeY'
35. kty dY ,d ;Y`fyd p`a yY`g ,oa dYc'y dY vy,jYr 3:4 g`j ;fn  
;Y`fyd p`a 120 fdycY. yY`g MYYy y;Y, ry` ogt vy,jYr 5:4 gy` wYry g`j ;Y`fyd p`a yY`g dt pyjftHyd py7Y D;Y g`?
- (1) 175 fdycY.
  - (2) 180 fdycY.
  - (3) 160 fdycY.
  - (4) 185 fdycY.
36. IMF d` yanHy' p`a S.D.R ryRj;'  
dY g`:
- (1) foey`ey My`yj vf/ydyj
  - (2) foey`ey vYgjoY vf/ydyj
  - (3) ,dY vYgjoY vf/ydyj
  - (4) M`cr vYgjoY vf/ydyj
37. vsYjt /yc,o jY HyYjrt; fjyp' k`eYy dY yYp g`:
- (1) nf{yoy yayY`7t
  - (2) p`7t
  - (3) fgyæT
  - (4) byp`a y` dY`b' ygta
38. fyty p`a y` dY`y yYo' MxY rRoy`a dY` fytyrY y` foeyYyYp Øp p`a jayry g`?
- (1) dj`Dcj, Qyby, fjdyM', QtYM, MxYc`y
  - (2) dj`Dcj, fjdyM', QtYM, Qyby, MxYc`y
  - (3) dj`Dcj, QtYM, fjdyM', Qyby, MxYc`y
  - (4) fcx, cybx, dj`Dcj, fjdyM', QtYM, Qyby, MxYc`y
39. SQL p`a 'AS' DyYw dY jc;Y`y fyty d` fy, fd;Y wYry g`:
- (1) p;y jcpYyy
  - (2) jty`p
  - (3) yftpyy jcpYyy
  - (4) jc{Y`j jcpYyy
40. CMM krj 1 p`a gy`r` g`a:
- (1) 6 KPAs
  - (2) 2 KPAs
  - (3) 0 KPAs
  - (4) 1 KPAs
41. 10 ptj Hy,wY oYy` ,d oYy`dYj p`nyy d` fdYyY` jY ,d ?yY`M.`

dÿ` 7

ptkj ytct jkyl y` cyi/vy y;y g`j oyy'dyj p`nyy dy  
U; Urp yaHyffor

{ÿ`7 cry,a щÿ` pjy` y` jg y;y:

- (1) 65.5 m<sup>2</sup>
- (2) 61.5 m<sup>2</sup>
- (3) 75.5 m<sup>2</sup>
- (4) byp`a y` dy`b' ygta

42. Anil, Abhay and Sanjay can complete a piece of work in 10 days, 12 days and 15 days respectively. All of them started working together but Anil left after working for 2 days and Abhay left 3 days before the completion of work. How long did the work lasts?

- (1) 7 days
- (2) 6 days
- (3) 9 days
- (4) None of these

43. The hair of shaving brush clings together when removed from water due to:

- (1) Surface tension
- (2) Viscosity
- (3) Elasticity
- (4) Friction

42. vfyy, vHy; ,oa yaщ; ,d dy;' d` Hyyy dy` Øpéy: 10, 12 ,oa 15

fny p`a j,oy` dj ydr` g`aj yHyt y` ,d yyFy dy;' djyy vyjtHy fd;y y`fdy vfyy 2 fny dy;' djy` d` jépyr pyy y;y ,oa dy;' j,jy gy`y` y` 3 fny j,oy` vHy; pyy y;yj fdry` fny dy dy;' cpγ?

- (1) 7 fny
- (2) 6 fny
- (3) 9 fny
- (4) byp`a y` dy`b` ygta

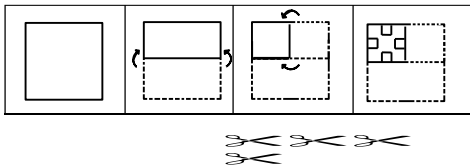
43. jyyt y` g;y;` щyy` jj ny<.t cyyy` oyy` ccéy d` cyy vyjy p`a` fdy dyjoγ fpjd щγr` g`a:

- (1) j,e<t; ryγo
- (2) é;γγγ
- (3) pR;γkFγγ
- (4) ?γeγoy

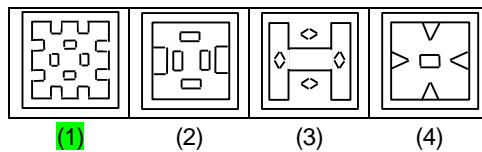
DIRECTIONS: In this question a piece of paper is folded and then cut as shown below. The dotted lines shown are the portion which have been folded. The curve arrow shows the directions of folding. And the number of scissors beneath the figure show the number of portions cut. From the given responses, indicate how it will appear when opened. The opening is in the same order as folding.

fyn`éy: fytyfyfayr péyy`a p`a dyyщ d` VqdM+s dy` py`M.dj dy<y y;y g`, щ`yy fd ytp` néyy;y y;y g`j fcUn, j`ayγ,a py`M.` g,, Hyyy dy` pnféy`r djrt g`aj oØγRpd rtj p,M.` Hyyy dt fnéyy dy` néyy`ry g`j fp7 d` ytp` nt yb` d`afp;yj d<` g,, Hyyy dt yaa;γγy` dy` néyy`rt g`aj by pfØ;y d` vy,yγj by` ayγ`yy` jj ;g d`yy fnaγ`yy j py`M.y` d` Øpyy,yγj gt ayγ`yy` dy` Øp gy`yyj

44. Question figure (péy vyÑfr)



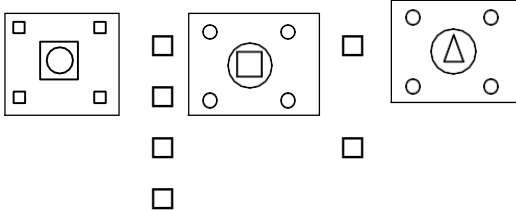
Answer figure (vsyj vyÑfr)



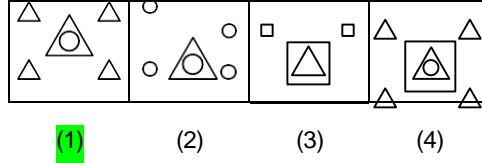
DIRECTIONS: Select the suitable alternative to satisfy the relationship in the following question.

fyn`éy: fytyfyfayr péy p`a vyd` ytcU/γy`a dy` yUr,e< djy` oyy` ygt fodYj dy` p,fy,j

45. Question figure (péy vyÑfr)



Answer figure (vsyj vyÑfr)



48. Which one among the following rivers does not flow

DIRECTIONS: Select the suitable alternative to satisfy the relationship in the following question.

46. Acid : Litmus : : Knowledge :

- (1) Learn
- (2) Test
- (3) Burn
- (4) Absorb

47. The most abundant gas emitted from Volcanoes is:

- (1) Water vapour
- (2) Helium
- (3) Sulphur Dioxide
- (4) Carbon Dioxide

**into Bay of Bengal?**

(1) Mahanadi

(2) Cauvery

(3) Tapi

(4) Godavari

fyn`èy: fytyfyfayr p`a vyd` ytcU/γγ`a dγ` yUr,ex  
djy` oyy` ygt fodYj dγ` p, fy, j

46. vty : fy<py : : Kγγ:

- (1) ytayyy (2) jjt{yoγ  
(3) щyyγ (4) yγ`pyγ

47. Toγγγp,ayt y` fdyγ` oyyt ycy` pp,j pγ7γ p`a щγ` y`y  
gγ`rt g`:

- (1) щy oγej (2) g`fy;p  
(3) yYQj Mγbvγ`Dyyb'M (4) dyc'y  
Mγb`vγ`Dyyb'M

48. fytyfyfayr p`a y` dγ`y-yt ynt cayyy dt aγγM.t  
p`a ygta poufgr gγ`rt g`?

- (1) pgγγnt (2) dγo`jt  
(3) rylrt (4) yγ`nyojt

49. When we consider 15° meridian on a world map or globe and count them in an eastward direction starting with Greenwich meridian (0°), we find that the time of this meridian is:

- (1) Same as Greenwich
- (2) 1 hour fast
- (3) 1 hour slow
- (4) 12 hour fast

50. MICR stands for:

- (1) Magnetic input character reader
- (2) Magnetic ink character reader
- (3) Medium ink character reader
- (4) Medium input character reader

51. Any file in which insertion of new records or deletion of old records occurs at a high rate is referred to as:

- (1) A volatile file
- (2) A sequential file
- (3) A random access file
- (4) None of the above

52. Conceptually, the circuitry of a central processing unit (CPU) can be subdivided into two major sub-units. Which one of the following units would perform the required arithmetic and comparison operations:

- (1) ALU
- (2) Control unit
- (3) RAID unit
- (4) Fuzzy logic unit

53. A man leaves for his office from his house. He walks towards South. After walking a distance of 300 metres, he turns towards West and walks 200 metres. Then he walks 100 metres towards North and further 100 metres towards West. He then turns towards North and walks 200 metres. What is the straight distance in metres between his initial and final positions?

- (1) 300 metres
- (2) 200 metres
- (3) 250 metres
- (4) 400 metres

54. What is the number missing from the third target?

5	9	15
16	29	?
49	89	147

- (1) 48
- (2) 45
- (3) 42
- (4) 49

DIRECTIONS: In the following questions, a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

55. 3, 4, 7, 11, 18, 29, \_\_?

- (1) 36
- (2) 41
- (3) 47
- (4) 51

56. Find the odd one out from the given alternatives.

- (1) ACE
- (2) FHJ
- (3) KLM
- (4) SUW

49. шц гр foèò ppyfp7 jj 15° ;yt;ÿ`rj j`aÿÿ pÿÿr` g`a ,oa yctyfop

;yt;ÿ`rj j`aÿÿ (0°) ÿ` èÿ,v djd` j,jc dt vÿ`j yoÿÿÿ djr` g`a, rÿ` gp by ;yt;ÿ`rj j`aÿÿ dÿ dÿÿ jÿr` g`a:

- (1) <td>ogt шÿ` yctyfop dÿ g`
- (2) 1 ?ÿa<ÿ r` ш
- (3) 1 ?ÿa<ÿ /ÿtpÿ
- (4) 12 ?ÿa<ÿ r` ш

50. MICR ÿ` rÿRj;` g`:

- (1) p`Xÿ`f<d byj,< dj`D<j jtMj
- (2) p`Xÿ`f<d bad dj`D<j jtMj
- (3) ptfM;p bad dj`D<j jtMj
- (4) ptfM;p byj,< dj`D<j jtMj

51. dÿ`b` Qÿb'y fÿÿÿ`a ÿ;` vfHÿÿ`aÿÿ`a dÿ` Mÿÿÿ` ,oa j,jÿÿ` vfHÿÿ`aÿÿ`a dÿ` g<ÿÿ` dÿ dÿ;` vPp nj jj gÿ`rÿ g` , vÿ` dgr` g`a:

- (1) ,d oÿ`ÿÿ<ÿb'y Qÿb'y
- (2) ,d vÿ,Øpt; Qÿb'y
- (3) ,d ;ÿn,fPnd vfHÿÿÿ Qÿb'y
- (4) byp`a ÿ` dÿ`b` ygta

52. yadYÿÿÿRpd vj ÿ` d`Uæt; yÿÿÿÿÿ ,dd (CPU) dt jfjjFÿÿÿ dÿ` nÿ` pp,ÿÿ vj-,ddÿ`a p`a vj-foHÿÿÿÿÿ fd;ÿ шÿÿ ydrÿ g`j fytyÿafdr ,ddÿ`a p`a ÿ` dÿ`ÿÿÿÿÿ ,dd oÿafNr vadyfoÿr rFÿÿÿ r,ÿÿÿÿRpd pÿÿÿÿ dj`ÿÿÿ:

- (1) ALU
- (2) fy;U7oÿ ,dd
- (3) RAID ,dd
- (4) Qшÿt rd' ,dd

53. ,d O;fä ?ÿj ÿ` vÿÿ` dÿ;ÿÿ; dt rjQ fydyrÿ g`j og nf{ÿoÿ dt rjQ pÿÿÿ g`j 300 pt<j dt n,jt pÿÿ` d` jèÿÿÿ og jfèpp dt rjQ p,M.dj 200 pt<j pÿÿÿ g`j fQj og 100 pt<j vsÿj dt rjQ ,oa j,y: 100 pt<j jfèpp dt rjQ pÿÿÿ g`j j,y: og vsÿj dt rjQ p,M.dj 200 pt<j pÿÿÿ g`j pÿjftHyd vÿ`j vfUrp fkFÿÿÿ p`a ÿt/ÿt n,jt D;ÿ g`?

- (1) 300 pt<j
- (2) 200 pt<j
- (3) 250 pt<j
- (4) 400 pt<j

54. rÿÿ` ÿ{; p`a foy,lr yÿa;ÿ D;ÿ g`?

5	9	15
16	29	?
49	89	147

- (1) 48
- (2) 45
- (3) 42
- (4) 49

fÿn`èÿ: fytyfyfÿÿÿ pèÿ p`a ,d J`oÿt p`a ,d jn foy,lr g`j fn;` y, fodYÿÿ`a p`a ÿ` ygt fodYÿÿ p,ÿ`a шÿ` J`oÿt dÿ` j,jÿ djrÿ g`j

55. 3, 4, 7, 11, 18, 29, \_\_?

- (1) 36
- (2) 41
- (3) 47
- (4) 51

56. fn;` y, fodYjy`a p`a foeyr dy` jgpyy`aj

(1) ACE

(2) FHJ

(3) KLM

(4) SUW



57. The ratio between the length and the area of a rectangular field is 1:30 respectively. The perimeter of the field is 150 metres. What is the length of that rectangular field?
- (1) 45 metres (2) 30 metres  
(3) 15 metres (4) None of these
58. A's present age is 4 years more than B's age after six years. The sum of the present age of A and B together is 70 years. What is the present age of B?
- (1) 36 years (2) 32 years  
(3) 30 years (4) 34 years
59. A man invested ` 14,400 in the hundred rupee shares of a company at 20% premium. If the company declares 5% dividend at the end of the year, then how much does he get as dividend?
- (1) ` 700 (2) ` 750  
(3) ` 650 (4) ` 600
60. A jogger running at 9 km per hour alongside a railway track is 240 metres ahead of the engine of a 120 metres long train running at 45 km per hour in the same direction. In how much time will the train pass the jogger?
- (1) 70 seconds (2) 36 seconds  
(3) 56 seconds (4) 18 seconds
61. In a class there are 33 students comprising of boys and girls. In a monthly test, the average score of the class was 14. The average score of girls and boys of the class was 15 and 12 respectively. Assuming that all the students had taken the test, what is the number of girls in the class?
- (1) 11 (2) 22  
(3) 33 (4) None of these
62. A petrol tank at a filling station has a capacity of 400 litres. The attendant sells 40 litres of petrol from the tank to one customer and then replenishes it with kerosene oil. This process is repeated with six customers. What quantity of pure petrol will the seventh customer get when he purchases 40 litres of petrol?
- (1) 21.25 litres (2) 20.25 litres  
(3) 23.25 litres (4) 24.25 litres
63. A box contains 90 discs which are numbered from 1 to 90. If one disc is drawn at random from the box, the probability that it bears a perfect square number is:
- (1) 1/10 (2) 1/11  
(3) 1/90 (4) 1/9
64. Which vitamin is called Alpha-tecopherol:
- (1) Vitamin B (2) Vitamin E  
(3) Vitamin K (4) Vitamin A
57. ,d vy;rt; p`nny d` ytcyb' ,oa {y`7Qy d` p/; vy,jyr Øpéy: 1:30 g`j p`nny dy jfjpyj 150 ptkj g`j vy vy;rt; p`nny dt ytcyb' cryvy`?
- (1) 45 ptkj (2) 30 ptkj  
(3) 15 ptkj (4) byp`a y` dy`b' ygta
58. N: oey' jépyr, A dt or'ppy vy;, B dt vy;, y` 4 oey' T;yny g`j A ,oa B dt or'ppy vy;, dy ;y`y 70 oey' g`j B dt or'ppy vy;, D;y g`?
- (1) 36 oey' (2) 32 oey'  
(3) 30 oey' (4) 34 oey'
59. ,d O;fä y` 20% fppt;p jj pfr ` 100 oyy` éy`;j p`a ` 14,400 fyo`éy fd;yj ;fn oey' d` vUr p`a dtjyt 5 pfréyr yyHyaaéy ?yy`feyr djrt g`, ry` vy` fdryy vj;` yyHyaaéy fpyry g`?
- (1) ` 700 (2) ` 750  
(3) ` 650 (4) ` 600
60. ,d шy`yj, j`yo` <`d d` yyFy-yyFy 9 fdpt./?ya<` dt ppy j n`y`M. jgy g` ,oa ,d 120 ptkj ytct <`y шy` fd 45 fdpt./?ya<` dt ppy y` vyt fnéyy p`a py jgt g`, vyd` bafшy y` 240 ptkj vyy` g`j fdry` yp; p`a <`y шy`yj y` gy`dj y,шj`yt?
- (1) 70 y`d`oM (2) 36 y`d`oM  
(3) 56 y`d`oM (4) 18 y`d`oM
61. ,d d{yy p`a 33 fopyFyÉ yM.d` ,oa yM.fd;y`a dy` fpyyjdj g`aj ppyfd jjt{yy p`a d{yy dy vy`yr kdy`j 14 Fyyj d{yy p`a yM.fd;y`a ,oa yM.dy`a dy vy`yr kdy`j Øpéy: 15 ,oa 12 Fyyj ;g ppyr` g, fd yHyt fopyfFy;y`a y` jjt{yy nt, d{yy p`a yM.fd;y`a dt yaa;y D;y Fyt?
- (1) 11 (2) 22  
(3) 33 (4) byp`a y` dy`b' ygta
62. ,d fQfyay k<`éyy jj j`<ay`y d` <`ad dt {ypry 400 ytkj g`j ygy;d <adt y` 40 ytkj j`<ay`y ,d ycygd dy` c`pry g` ,oa bydt j,fr' fpêd d` r`y` dj n`ry g`j ;g pfØ;y N: ycygd y`a jj n`y`gy;t шyrt g`j yyroy; ycygd éy,) j`<ay`y dt fdryt pÿ7y jy;`yy шc fd og 40 ytkj j`<ay`y ayjtnry g`?
- (1) 21.25 ytkj (2) 20.25 ytkj  
(3) 23.25 ytkj (4) 24.25 ytkj
63. ,d cy`Dy p`a 1 y` 90 rd vafdr 90 fMkd g`aj ;fn cy`Dy y` ,d fMkd ;yn, fPND vj y` fdyyy шyry g`, ry` bydt yaHyffory fd ;g ,d j,oy' oy' yaa;y gy`yt:
- (1) 1/10 (2) 1/11  
(3) 1/90 (4) 1/9

64. fdy fo<yfpy dγ` vYQγ-<`dγ`Q`jγ`y dgr` g"a:

(1) fo<yfpy B

(2) fo<yfpy E

(3) fo<yfpy K

(4) fo<yfpy A

DIRECTIONS: (Question No. 65 to 70) The following questions are to be answered on the basis of the table given below.

Category of Personnel	Number of staff in 2010	Number of staff in 2014
Data entry operator	18	25
Data Base controller	5	8
Programmers	21	36
System Analysts	15	31
Manager (IT)	3	3
Supervisor	18	32
<b>Total</b>	<b>80</b>	<b>135</b>

65. If pie charts were to be drawn for the different categories of personnel, what would be the angle subtended by the system analysts for the year 2010?

- (1) 30°
- (2) 67½°
- (3) 45°
- (4) 90°

66. For the same categories of system analysts, what is the sector angle for the year 2014:

- (1) 85°
- (2) 8°
- (3) 83°
- (4) 32°

67. Since the total number of staff is different, the ratio of the radius of the circle for 2014 to that of circle for

2010 should?

- (1)  $\frac{135}{80}$
- (2)  $\frac{80}{135}$
- (3)  $\sqrt{\frac{80}{135}}$
- (4)  $\sqrt{\frac{135}{80}}$

68. What is the ratio of number of programmer to managers IT in 2014:

- (1) 12
- (2) 1.2
- (3) 0.12
- (4) 1/12

69. In the pie chart for 2010, what is the sector angle to represent one person?

- (1) 3°
- (2) 4°
- (3) 5°
- (4) 4½°

70. The number of categories for which the sector angle has decreased in 2014 compared to 2010 is:

- (1) 3
- (2) 4

fyn`ëý: (pèy yaa;ý 65 y` 70) fytyfyfayr ryfydy d` vy/vyý jì pèyy`a d` vsyý fn;` uyy` g`aj

dyp'dy`a dt J`oyt	2010 p`a dp'pyfj;ý`a dt yaa;ý	2014 p`a dp'pyfj;ý`a dt yaa;ý
Mýçý ,Uk`at vy`jj`j	18	25
Mýçý ç`y dUk`ay`yj	5	8
py`ycypj	21	36
fýkçp ,yyfykç	15	31
pcU/ýd (vyb'.t.)	3	3
<b>Total</b>	<b>80</b>	<b>135</b>

65. If pie charts were to be drawn for the different categories of personnel, what would be the angle subtended by the system analysts for the year 2010?

- (1) 30°
- (2) 67½°
- (3) 45°
- (4) 90°

66. vyt J`oyt d` fýkçp ,yyfykç d` fy;` 2014 p`a y`Dj dy`oy D;ý gy`yy?

- (1) 85°
- (2) 8°
- (3) 83°
- (4) 32°

67. pçafd dyp'dy`a dt yaa;ý fofHyé g`, 2014 d` fy;` oçsy dt f7T;ý dy vy,jyr 2010 d` oçsy y` gy`yy?

- (1)  $\frac{135}{80}$
- (2)  $\frac{80}{135}$
- (3)  $\sqrt{\frac{80}{135}}$
- (4)  $\sqrt{\frac{135}{80}}$

68. 2014 p`a py`ycypj dt yaa;ý y` pcU/ýd vyb'.t. dy vy,jyr gy`yy:

- (1) 12
- (2) 1.2
- (3) 0.12
- (4) 1/12

69. 2010 d` jyb' pyç' p`a, ,d O;fä dy` pnfèy'r djy` d` fy;` y`Dj dy`oy D;ý g`:

- (1) 3°
- (2) 4°
- (3) 5°
- (4) 4½°

70. 2010 dt r,yyý p`a 2014 p`a y`Dj dy`oy p`a fdry` J`oyt dt yaa;ý p`a dpt g,b' g`:

- (1) 3
- (2) 4

(3) 5  
(4) 6

(3) 5  
(4) 6

DIRECTIONS: (Question No. 71 & 72) Each of the Questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer as.

- A. If the data in the statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.
- B. If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.
- C. If the data either in statement I alone or in statement II alone are sufficient to answer question.
- D. If the data in both statement I and II even together are not sufficient to answer the question.
- E. If the data in both statements together are necessary to answer the question.

71. What is the population of town after 3 year, if its present population is 1 lakh?

- I. During first year the population increased by 10%
- II. During the second year the population decreased but again increased by 5% in third year.

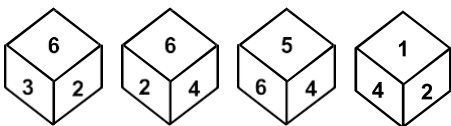
- (1) A
- (2) B
- (3) C
- (4) D

72. Find the radius (r) of the circle.

- I. Area of the circle is 154 sq.cm.
- II. Circumference of the circle is  $2/r$  times of the area of the circle.

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

73. Which number is on the face opposite to 6 in the dice whose four views are given below:



- (1) 2
- (2) 4
- (3) 3
- (4) None of these

74. Yakshagan is the famous dance form of the State of:

- (1) Odisha
- (2) Karkataka
- (3) Assam
- (4) Kerala

fyn`èy: (pèy yaç;ç 71 ,oa 72) fn;` y, pR;`d pèy d` ytp` ,d pèy ,oa

ny` dFyy I ,oa II fn;ç y;ç g`j vyjdV` ;g fyoç;` y`yy g` fd dFyy p`a fn;` vyjM.` pèy d` vsyj d` fy, j;ç'lr g`aj

ny`yy`a dFyy`a d` j<.` ,oa by pdvj vsyj n`aj

- A. ;fn dFyy I p`a fn;ç y;ç vyjM.`ç vd`y` pèy d` vsyj n`y` d` fy;` j;ç'lr g` ucf dFyy II p`a fn;ç vyjM.`ç vd`y` vsyj n`y` d` fy;` j;ç'lr ygta g`j
- B. ;fn dFyy II p`a fn;ç y;ç vyjM.`ç vd`y` pèy d` vsyj n`y` d` fy;` j;ç'lr g` y`fdy dFyy I p`a fn;ç vyjM.`ç vd`y` vsyj n`y` d` fy;` j;ç'lr ygta g`j
- C. ;fn ;ç ry` dFyy I p`a vd`y` ;ç dFyy II p`a vd`y` fn;ç y;ç vyjM.`ç pèy d` vsyj n`y` d` fy;` j;ç'lr g`j
- D. ;fn dFyy I rFyy II ny`yy`a p`a fpydj fn;` y, vçdM.` pèy d` vsyj n`y` d` fy;` j;ç'lr ygta g`j
- E. ;fn ny`yy`a dFyy`a fn;` y, vçdM.` pèy d` vsyj n`y` d` fy;` vçoè;d g`aj

71. ç oey' jèpçç dkc` dt çyyaç;ç D;ç g` ,;fn bydt or`pçç çyaç;ç 1 çyç g`?

- I. pFçp oey' d` ny`çyy çyyaç;ç 10% c<. yb' g`j
- II. n`çj` oey' d` ny`çyy çyyaç;ç ?çt çjUr, rtyj` oey' p`a 5% ç,y: c<. yb'j

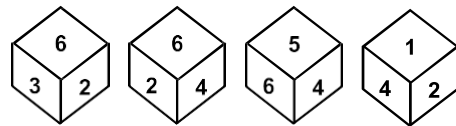
- (1) A
- (2) B
- (3) C
- (4) D

72. oç sç dt f7T;ç (r) Kçr dj` aj

- I. oç sç dç {ç`7Qy 154 oy' y`pt. g`j
- II. oç sç dt çjçf/ç oç sç d` {ç`7Qy dç 2/r y,yy g`j

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

73. çyy` p`a dç`y-yt yaç;ç ç d` fojçtr rçQ g`j pçjç`a n`è;ç ytp` fn;` y, g`a:



- (1) 2
- (2) 4
- (3) 3
- (4) byp`a y` dç`b' ygta

74. ;çyy çdy ççT; dç ,d pçy) yçR; g`:

- (1) vç`fMyy
- (2) dçç`d
- (3) vçp

(4) d`jy

75. Protein deficiency disease is known as:

- (1) Kwashiorkar
- (2) Cushing's disease
- (3) Gaucher's disease
- (4) None of the above

DIRECTIONS: Some words have been coded but no specific code is indicated. Use your judgement to pick the coded word which represents the given word the best.

76. TENTANT:

- (1) 1 4 2 1 3 2 1
- (2) 7 5 8 1 8 7 1
- (3) 2 2 2 5 5 5 2
- (4) 1 1 9 7 2 8 1

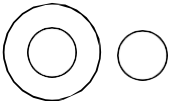
DIRECTIONS: Select the choice out of the given choices which gives the given words in the correct alphabetical order.

77. Blue, Bluff, Blurt, Blush:

- (1) Blurt, Blush, Blue, Bluff
- (2) Blue, Bluff, Blurt, Blush
- (3) Bluff, Blue, Blurt, Blush
- (4) Blush, Blue, Bluff, Blurt

DIRECTIONS: A logical diagram is drawn following by four choice groups. Select the choice which fit the logic of the diagram.

78.



- (1) Forest, Trees, Plants
- (2) Mathematics, Algebra, Geometry
- (3) River, House, Boy
- (4) Humans, Mothers, Computers

79. If 'A ^ B' means 'A is the father of B', 'A @ B' means 'A is the mother of B', 'A ! B' means 'A is the wife of B', then which of the following means 'T is the grandmother of U'?

- (1) T @ R ^ y ! U
- (2) T @ S ^ U ! y
- (3) T @ R ! S ! U
- (4) None of these

80. There are some girls and buffalos at a place. If total number of heads is 15 and total number of legs is 46, then how many girls and how many buffalos are there?

- (1) 8 girls and 7 buffalos
- (2) 9 girls and 6 buffalos
- (3) 7 girls and 8 buffalos
- (4) 6 girls and 9 buffalos

75. ပရိုတိယ ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

- (1) သွယ်ယူရောဂါ
- (2) သွယ်ယူရောဂါ
- (3) ယူဂျီယံ
- (4) ဝီယာဂျီယံ၊ ပရိုတိယ သွယ်ယူရောဂါ

မေးခွန်း: သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

76. TENTANT:

- (1) 1 4 2 1 3 2 1
- (2) 7 5 8 1 8 7 1
- (3) 2 2 2 5 5 5 2
- (4) 1 1 9 7 2 8 1

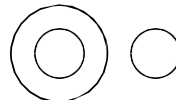
မေးခွန်း: ဖိုတိုဖိုဖိုဖို ဖို ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဖို ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဖို ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ဖို ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

77. Blue, Bluff, Blurt, Blush:

- (1) Blurt, Blush, Blue, Bluff
- (2) Blue, Bluff, Blurt, Blush
- (3) Bluff, Blue, Blurt, Blush
- (4) Blush, Blue, Bluff, Blurt

မေးခွန်း: သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

78.



- (1) ဝီယာဂျီယံ၊ မိဘများ၊ ကွန်ပျူတာများ
- (2) ဝီယာဂျီယံ၊ မိဘများ၊ ကွန်ပျူတာများ
- (3) ဝီယာဂျီယံ၊ မိဘများ၊ ကွန်ပျူတာများ
- (4) ဝီယာဂျီယံ၊ မိဘများ၊ ကွန်ပျူတာများ

79. ;fn ^A ^ B\* သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ;fn ^A @ B\* သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ;fn ^A ! B\* သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 ;fn ^A ! B\* သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

- (1) T @ R ^ y ! U
- (2) T @ S ^ U ! y
- (3) T @ R ! S ! U
- (4) byp`a y` dy`b' ygta

80. သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။  
 သို့မဟုတ် ဝီယာဂျီယံ သွယ်ယူရောဂါ ဖြစ်ပွားမှုကို ခေါ်ဆိုပါ။

- (1) 8 yM.f.d;γi ,oa 7 Hγ“y`a
- (2) 9 yM.f.d;γi ,oa 6 Hγ“y`a
- (3) 7 yM.f.d;γi ,oa 8 Hγ“y`a
- (4) 6 yM.f.d;γi ,oa 9 Hγ“y`a



DIRECTIONS: (Question No. 81 & 82) There were six persons U, V, W, X, Y, Z playing a game of cards. U's father, mother and uncle were in the group. There were two ladies in the group. 'V' the mother of 'U' got more points than her husband. 'X' got more points than 'Y' but less than 'Z'. Niece of 'Y' got lowest points. Father of 'U' got more points than 'Z' but could not win the game.

81. Who won the game & who got the lowest points respectively:

- (1) V & U
- (2) U only
- (3) W & Y
- (4) X & V

82. Who is the husband of 'V' and what was his position in the game on the basis of points:

- (1) Z, II<sup>nd</sup>
- (2) Y, III<sup>rd</sup>
- (3) X, II<sup>nd</sup>
- (4) W, II<sup>nd</sup>

83. If ROAD = 152 and MAP = 90, then RAIL = ?

- (1) 120
- (2) 140
- (3) 160
- (4) 180

84. This is the ratio of a bank's capital to its risk, expressed as a percentage of a bank's risk weighted

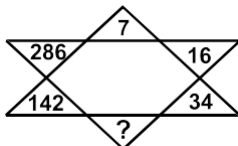
credit exposures:

- (1) CAR
- (2) CRR
- (3) SLR
- (4) REPO

85. Youngest in the world who set a world record by swimming in 1°C temperature at Antarctic Ocean:

- (1) Lewis Pugh
- (2) Lynne Cox
- (3) Charu Sharma
- (4) Bhakti Sharma

86. Fill the correct number at the sign of interrogation?



- (1) 70
- (2) 68
- (3) 56
- (4) 92

87. Which of the following commands is given to reboot the computer?

- (1) Ctrl + Alt + Del
- (2) Ctrl + Alt + Tab
- (3) Ctrl + Shift + Del

fyn`ëγ: (pëy γα;γ 81 ,oa 82) N: O;fä u, v, w, x, y, z ,d ryy dγ ay`y ay`y jg Fγ`j yc,j p`a u d` fjry, pγry ,oi pγpy Fγ`j yc`j p`a nγ` pfgγγ,a Fγ`j ^v\* uγ` u dt pγry g` vdyγ` vjy` jfr y` T;γny vad fpy`j ^x\* dγ` ^y\* y` T;γny fdUr, ^z\* y` dp vad fpy`j ^y\* dt Hyrtwt dγ` ycy` dp vad fpyyγ u d` fjry dγ` z y` vf/γd vad fpyyγ y` fdy og ay`y uγr ygta ydyj

81. dγ`y Øpëγ: ay`y uγry ,oi fdy` ycy` dp vad fpy`:

- (1) v ,oi u
- (2) u pγ7
- (3) w ,oi y
- (4) x ,oi v

82. `v dγ jfr dγ`y g` ,oi vadγ` d` vy/γγj jj ay`y p`a vydt fkFγfr dγγi jj g`:

- (1) Z, II<sup>nd</sup>
- (2) Y, III<sup>rd</sup>
- (3) X, II<sup>nd</sup>
- (4) W, II<sup>nd</sup>

83. ;fn ROAD = 152 vγ`j MAP = 90, ry` RAIL = ?

- (1) 120
- (2) 140
- (3) 160
- (4) 180

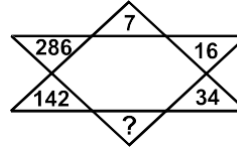
84. ;g vy,jyr c`ad dt j,wt y` bydy u.γ`fayp uγ` fd c`ad d` u.γ`fayp Hyγfr γγay yγ`ny`a d` pfrëyr jγγ pnfëyr gγ`ry g`, dgyry g`:

- (1) CAR
- (2) CRR
- (3) SLR
- (4) REPO

(4) Ctrl + Alt + shift

85. foéo dý ycy` dp vγ;, oγγγ fщyy` vUκyfκ'd  
 pgγγγγyj p`a 1°c  
 rγjØp jj r`j dj foéo fdrÊpγγ cyγ;γ:
- (1) y`foy j,y
  - (2) y`yt dγ`Dy
  - (3) pγγv éγγpγ'
  - (4) HyfDr éγγpγ'

86. péyoγγpd fpUg d` kFγγγ jj ygt yaα;γ p,y`a?



87. dal;κj dγ` jtcκκ djy` d` fy, fyty p`a y` dγ`yyt dpγαM  
 nt щγγrt g`?
- (1) Ctrl + Alt + Del
  - (2) Ctrl + Alt + Tab
  - (3) Ctrl + Shift + Del
  - (4) Ctrl + Alt + shift

88. What is the extension used for batch files:

- (1) .obj
- (2) .dat
- (3) .bas
- (4) .bat

89. A shift register is a:

- (1) Random-access memory
- (2) **Sequentially accessed memory**
- (3) Read-only memory
- (4) Content-addressable memory

90. Remote Sensing Satellite Yaogan-23 was launched by?

- (1) France
- (2) South Korea
- (3) Japan
- (4) **China**

91. ASSERTION (A):- The President is a part of Parliament.

REASON (R):- A bill passed by two Houses of Parliament cannot become law without the assent of the President.

- (1) **Both A and R are true and R is correct explanation of A**
- (2) Both A and R are true but R is not correct explanation of A
- (3) A is true but R is false
- (4) A is false but R is true

92. The tide produced in an ocean when the pull on the Earth by the Sun and Moon is unidirectional is called:

- (1) High tide
- (2) **Spring tide**
- (3) Neap tide
- (4) Low tide

93. Shigmo is one of the prominent festival of the:

- (1) Tamil Community
- (2) Santhali Community
- (3) **Konkani Hindu Community**
- (4) Muslim Community

94. The first battle of Tarain was fought between:

- (1) **Mohammad Ghorī and Prithvi Raj Chauhan**
- (2) Akbar and Hemu
- (3) Mahmud of Ghazni and Prithvi Raj Chauhan
- (4) Akbar and Rana Pratap

95. In case of reflection it is well known that when a mirror turned through an angle the reflected ray turns through:

- (1) Same angle
- (2) **Twice the angle**
- (3) Thrice the angle
- (4) Half the angle

88. c“p Qyb'y d` fy, dŷ“y–yy ,Dy<`Uèyy p; ,ä gy`ry g“:

- (1) .obj
- (2) .dat
- (3) .bas
- (4) .bat

89. ,d fèy¶k jauct g“:

- (1) ;yn, fPNd vfHyyp kp, fr
- (2) vy, Øfpr vfHyfpr kp, fr
- (3) j<. –d`oy kp, fr
- (4) vUro'kr, jry ;y`X; HyāMyjoy

90. ;vy`yy–23 fjpγ`< y`fUyay vjycg fdyd` }jyγ Ny`M.y y;y:

- (1) Ýyiy
- (2) nf{yoγt dγ`fj;y
- (3) **шyγyγ**
- (4) pty

91. n<.y`fDr (,) : jye<²jfr yayn dγ ,d fgkyγ g“j rd' (vyj) : yayn d` nγ`yy`a ynyγ`a }jyγ jγjfr fo/γ`d jye<²jfr dt ygpfr d` fcyγ dyy.y ygta cy ydryj

- (1) , rFyy vyj – nγ`yy`a ygt g“ vγ`j vyj, , dγ ygt kje<tdjoy g“
- (2) , rFyy vyj nγ`yy`a ygt g“ y`fdy vyj, , dγ ygt kje<tdjoy ygta g“
- (3) , ygt g“ y`fdy vyj fpF;y g“
- (4) , fpF;y g“ y`fdy vyj ygt g“

92. шc y, ; ,oi pUæpy dγ fæpyγio j, Fot jj ,d fnéyt; gy` ry` yyj p`a vRjUy gy`y` oyyγ Toyj Hyγ<y gy`ry g“:

- (1) Toyj
- (2) c,gn Toyj Hyγ<y
- (3) y?γ, Toyj Hyγ<y
- (4) Hyγ<y

93. fyXpγ`a fdydγ ,d pfy) R;y“gyj g“:

- (1) rfy yγ,ny;
- (2) yaFyyt yγ,ny;
- (3) dγ`adyt fgUn, yγ,ny;
- (4) p, fkyγ yγ,ny;

94. rjyb' dγ pFyp ;,) fdyd` p/; g,vy:

- (1) pγ`gtpn yγ`jt ,oa j, Fot jyщ pγ`gyγ
- (2) vdcj ,oa g`p,`
- (3) pgp, n yщyot ,oa j, Fot jyщ pγ`gyγ
- (4) vdcj ,oa jyoyγ pγj

95. jγor'y d` yanHy' p`a ;g HyytHyγiffr Kyro; g“ fd шc ,d nj'oy dγ`

- ,d dγ`oy p`a ?γ,py;y шγγγ g“ ry` jγofr'r fdjoy ?γ,prt g“:
- (1) vyt dγ`oy p`a
  - (2) dγ`oy dγ n,y,yγ
  - (3) dγ`oy dγ fry,yγ

(4)  $d\gamma^{\prime}o\gamma d\gamma \nu\gamma/\gamma\gamma$

## **GENERAL ENGLISH**

DIRECTIONS: (Question No. 96 to 99) Read the following passage carefully and answer the questions given below it.

As District Employment Officer, my father was given a jeep by the government. There was no garage in the office, so the jeep was parked in our house. My father refused to use it to commute to the office. He told us that the jeep is an expensive resource given by the government-he repeated to us that it was not 'his jeep' but the government's jeep. Insisting that he would use it only to tour the interiors, he would walk on normal days. He also made sure that we never sat in the government jeep-we could sit in it only when it was stationary. That was our early childhood lesson in governance-a lesson that corporate managers learn the hard way, some never do.

The driver of the jeep was treated with respect due to any other member of my father's office. We had to use the suffix 'dada' whenever we were to refer to him in public or private. When I grew up to own a car and a driver by the name of Raju was appointed. I repeated the lesson to my two small daughters. They have, as a result, grown up calling him 'Raju Uncle'-very different from many of their friends who refer to their driver as 'my driver'. I cringe. To me, the lesson was significant-you treat small people with more respect than you treat big people. It is more important to respect your subordinates than your superiors.

**96. The writer's father refused to use the official jeep to commute to the office because:**

- (1) The jeep had a chronic engine problem
- (2) **The jeep was an expensive resource and was given to him to tour the interiors**
- (3) He didn't want to show off
- (4) He enjoyed walking to his office

**97. What valuable lesson did the writer's father teach the children by refusing to use the official jeep for non-official business?**

- (1) The jeep should be used carefully and sparingly
- (2) Use of vehicles is against the principle of simplicity
- (3) **He taught his children the distinction between public property and private property**
- (4) Travelling in a jeep is not without its risks

**98. The driver of the jeep was treated with respect because:**

- (1) He was an elderly person
- (2) He was short tempered person
- (3) **The writer's father believed that small people should be treated with respect**
- (4) The driver was a brahmin

**99. What important lesson did the writer learn from his father?**

- (1) One should maintain a discreet distance from small people
- (2) **One should treat small people with more respect than one treats big people**
- (3) One should always be kind to one's subordinates
- (4) It is not prudent to be too familiar with one's servants

DIRECTIONS: In the following question arrange the given sentences/phrases in a coherent sequence and select the corresponding choice (1), (2), (3), (4).

**100. Jumbled sentences/phrases**

- M Which cannot be tackled**
- N Female literacy rate**
- O The empowerment of women**
- P Without raising the**
- Q In India is a vital issue**

- |                  |           |
|------------------|-----------|
| (1) NQMPO        | (2) OQPMN |
| <b>(3) OQMPN</b> | (4) QPONM |

**101. Identify the part of speech of the underlined words in the given sentences:**

Everybody looked delighted when the comely bride appeared on stage:

- (1) Adverb
- (2) **Adjective**
- (3) Noun
- (4) Verb

DIRECTIONS: In this question, each of the sentences has a blank space and four words are given after the sentence. Choose the word from the alternatives (1), (2), (3) and (4) that you consider most appropriate for the blank space.

**102. India and Pakistan are geographically.....countries:**

- (1) Contagious
- (2) Contiguous
- (3) Continuous
- (4) Contentious

DIRECTIONS: In the following question, a word has been written in four different ways. Only one is correctly spelt. Mark the correct alternative

103.

- (1) Rigorous
- (2) Riguorous
- (3) Rigerous
- (4) Rigerouss

DIRECTIONS: In this question, out of four alternatives choose the one which can be substituted for the given words/sentence.

**104. One who studies election trends by means of opinion polls:**

- (1) Entomologists
- (2) Psephologist
- (3) Demogogue
- (4) Eugenist

DIRECTIONS: In this question, out of four alternatives choose the one which can be substituted for the given words/sentence.

**105. One who is indifferent to pleasure or pain:**

- (1) Stoic
- (2) Stylist
- (3) Cynic
- (4) Psychic

DIRECTIONS: Choose the correct passive voice of the sentence given in the question.

**106. Ought we to make any false claims?**

- (1) Any false claims ought to be made by us.
- (2) Ought any false claims to be made by us?
- (3) Should any false claims to be made by us?
- (4) Could any false claims to be made by us?

DIRECTIONS: In the following question, four alternatives are given for the idiom marked in bold. Choose the alternative which best expresses the meaning of the idiom from the options given.

**107. They may be poor but they have blue blood in their family.**

- (1) Bad blood
- (2) Enmity
- (3) Aristocracy
- (4) Diseases

DIRECTIONS: In the following question a sentence with a blank space is given. From the given options, select the one that completes the given sentence in a grammatically correct way:

**108. The train is due ..... 1:15 p.m**

- (1) For
- (2) At
- (3) On
- (4) In

**109. In the following question, identify the sentence with subordinating conjunction:**

- (1) She must weep, or she will die
- (2) Either she is mad, or she feigns madness
- (3) I was annoyed, still I kept quiet.
- (4) I would die before I lied.

**110. Combine each of the following sentence by using an Adverb Clause.**

**He was quite tired. He could scarcely stand.**

- (1) He was tired and he could not stand.
- (2) He could scarcely stand because he was quite tired.
- (3) Being tired he could scarcely stand.
- (4) On account of being tired he could scarcely stand.

DIRECTIONS: Select the word that gives the meaning of the sentence / phrase.

111. A man who hates women:

- (1) Misogynist (2) Misogamist  
(3) Misanthrope (4) Cynic

DIRECTIONS: In the following sentence a word or phrase is underlined and given a number. Pick a choice of number where the error lies.

112. If my teacher will advise, I will join the part time course  
1 2 3 4

- (1) 1 (2) 2  
(3) 3 (4) 4

DIRECTIONS: In the following question, a word is followed by four choices. Select the choice that is nearly most opposite in meaning to the given word.

113. TRANSIENT

- (1) Materialistic (2) Permanent  
(3) Steady (4) Worthless

DIRECTIONS: In the following question select the most appropriate meaning for the given word.

114. VINDICATE

- (1) Elaborate (2) Argue  
(3) Justify (4) Define

DIRECTIONS: The following idioms is followed by alternative meanings of which one is correct. Choose the correct option.

115. Hobson's choice:

- (1) Excellent choice (2) Accept or leave the offer  
(3) Feeling of fear (4) Feeling of joy

DIRECTIONS: In the following sentence a portion has been underlined. There are four choices of phrasing the portion including the original. Select the best usage version from a b c d.

116. If Ram would have worked hard, he would have been selected for the job:

- (1) Had Ram worked harder (2) If Ram had worked hard  
(3) Had Ram worked hardly (4) If Ram would have worked hard

DIRECTIONS: In the following sentence a word or phrase is underlined and given a number. Pick a choice of number where the error lies.

117. Ram and Shyam help one another in times of need  
1 2 3 4

- (1) 1 (2) 2  
(3) 3 (4) 4

118. POLYGLOT— is someone who

- (1) has more than one spouse (2) drinks too much  
(3) plays more than one sport (4) Speaks many languages

119. Identify the adverb in the following sentence.

He spoke well at the meeting last night:

- (1) Well (2) Meeting  
(3) Last Night (4) All of these

120. Change the following direct speech into correct reported speech and mark your options from among choices.

He said, "Shyam has not turned up yet"

- (1) He said that Shyam had not turned up yet (2) He said that Shyam has not turned up yet  
(3) He said that Shyam was not turned up yet (4) He said that Shyam had not turned up then

by j, fkrdy j d, N Hyt fyayy` y` jgy` fytyfyfayr fyn`'èy /;yyj, o'd j<.` a

pgRoj, oγ': - fytyfyfayr fyn`'èy /;yyj, o'd j<.` aj vjy` péyy` a d` vsyj péy-j, fkrdy p` a y yyy, a vU; Fyy p; y pfØ; y y` vyjdt jy7ry oafpr dj nt ucy;` ytj

1.	<p>vjyy vsyj fyayyy pyjtHy djy` y` jgy` vjyt péy j, fkrdy dt Hyt-Hyyjfr ucy; p dj y` a, n` ay y` a fd byp` a 120 péy g`aj pR;` d péy j, fkrdy dt fyjt u fHyé gy` yt (péy-j, fkrdy yaa; y ,oa péy-j, fkrdy fyjt u dy ya; y ucy) vyjdy` OMR vsyj jf7dy j jgt péy-j, fkrdy fyjt u ,oa péy-j, fkrdy yaa; y fyayyy g`j j, y: :g Hyt jJay y` a fd byp` a fpaKay yaca/yt vFyoy vU; fdkp dt dy` b' dpt ygta g`j ;fn fdyt pdj dt dy` b' dpt gy` ry` j ; b` yd dy` y, fpr dj` a vy` j péy-j, fkrdy cnydj , d y; t j, fkrdy ,oa , d y; t OMR y` j by yanHy` p` a fdyt Hyt pdy dt dy` b' féydy; r j cyn p` a dy` b' fopyj ygta fd; y ucy, yyj</p> <p>pgRoj, oγ' yγ` &lt;: vy` ., p. vyj. vsyj jf7dy vH; FyÉ d` péy-j, fkrdy fyjt u ,oa péy-j, fkrdy yaa; y d` ya; y ucy y` p, Y; yafdr dt ucy;` ytj vr: vyjdy` vy` ., p. vyj. vsyj jf7dy j jgt péy-j, fkrdy fyjt u ,oa péy-j, fkrdy yaa; y fyayyt pyfg, j byp` a y` fdyt , d p` a Hyt yyrt gy` y` j j vyjdt vy` ., p. vyj. vsyj jf7dy fyjkr gy` ydrt g`j vy` ., p. vyj. vsyj jf7dy p` a péy-j, fkrdy yaa; y ,oa péy-j, fkrdy fyjt u ygta Hyjy` j vH; FyÉ d` vsyj jf7dy dy p, Y; yady ygta fd; y ucy;` yy fuydt fuyt` nyjt kor: vH; FyÉ dt gy` ytj</p>
2.	<p>péy j7 fHyeyt; (fgUnt ,oa vayc` ut) p` a g`j fgUnt yakdjoy p` a fdyt Hyt fHyéry gy` y` j p, Y; yady d` fy, vayc` ut yakdjoy dy` vfUrp pyyy ucy;` yyj</p>
3.	<p>y, fyfèpr dj` a fd vyjd` po` èy-j7 ,oa vy` ., p. vyj èyt&lt; dy` vyjd` }y y ,oa d{y fyjt{yd d` }y y gkry{y fd; y y; y g`j ;fn gkry{y ygta fd; y/djoy; y y; y g` ry` jy7ry fyjkr gy` ucy;` ytj</p>
4.	<p>yHyt cg, -fodYj péyy` a d` 1 vad g`aj vy, svfjr péyy` a d` fy, y ry` dy` b' vad fn; y ucy, yy vy` j y gt dy` y ucy, yy pR;` d vsyj d` fy, d` oy , d vy` oy dy` dyyj dj` aj ;fn vyj , d y` T; yny vy` oy dyyj djr` g`a ; y , d y` T; yny vy` oy j j dy` b' k`a` pyD'y fpyry g` , , y` vy` oy d` fy, dy` b' vad ygta fpy` yyj</p>
5.	<p>;g , d okr, jid fdkp dt jjt{yy g` fuyr` a pR;` d péy d` ytp` Øpyad (1) y` (4) rd pyj pkryfor vsyj fn;` g`aj vyjd` fopyj p` a ucy` Hyt vsyj ygt/yo` J` e&lt; g` vydy` vy` ., p. vyj. vsyj j7 p` a fn;` fyn`'èy d` vy, yyj pfpUgr dtf u, j vjy` vsyj péy j, fkrdy p` a y yyy, j</p>
6.	<p>vy` ., p. vyj. vsyj jf7dy j jHyt dy; y ± d` fy, yty` /dy` cy` y loyb±&lt; j` y y` fyay` aj vy` ., p. vyj vsyj jf7dy j j vy` oy dy` j, oy` vj` y` d` oy yty` /dy` cy` y loyb±&lt; j` y y` Hyj` aj , d cyj fn, y, vsyj dy` cnyy ygta ucy ydryj vsyj dt dfKay ,oa vy` ojyb` fKay dt vy, pfr ygta g`j</p>
7.	<p>d` Yd, y` j, kyybMvy, py` cyb'y, d` Yd, y` j` yfM.; yi ; y by pdy dt dy` b' Hyt ;, fã ,oa fdyt Hyt v/;; y/yanHy` ypyct vyfn dy p; y y jjt{yy d{y p` a ofu` r g` ,oa nUMyt; vjy/y g`j</p>
8.	<p>jQ. dy;` j, fkrdy p` a fdyt Hyt ayyt kFyyy p` a fd; y ucy pyfg,, vy` ., p. vyj. vsyj jf7dy j j dy` b' Hyt jQ. dy;` y dj` aj fdyt vU; dyy. u j j by` djy` dt vy, pfr ygta g`j</p>
9.	<p>jjt{yy dt ppyflr d` jèpyr, vjyt vsyj-jf7dy (OMR) j; o` {yd dy` yy` aj n` aj vy` ., p. vyj. (OMR) vsyj-jf7dy dy` jjt{yy d{y y` cygj y` ucy ofu` r g` ,` yy djyy nUMyt; vjy/y g`j jjt{yy FyÉ jjt{yy d` vjyUr vjyy péy-j7 y` ucy ydry g`j</p>