

MAT - NTSE

ପ୍ରସ୍ତରୀୟ (1-9) : ଶକ୍ତି ଅଧ୍ୟାତ୍ମିକ ବିଦ୍ୟା

① 2, 6, 11, 17, 24, —

- (1) 36      (2) 33      (3) 32      (4) 34

②  $\frac{2}{\sqrt{5}}, \frac{3}{5}, \frac{4}{5\sqrt{5}}, \frac{5}{25}, —$

- (1)  $\frac{6}{25\sqrt{5}}$       (2)  $\frac{7}{25}$       (3)  $\frac{6}{125}$       (4)  $\frac{6}{5\sqrt{5}}$

③ 3, —, 15, 31, 63, 127

- (1) 7      (2) 5      (3) 10      (4) 12

④ AZ, GT, MN, —, YB

- (1) KF      (2) RX      (3) TS      (4) SH

⑤ 4EZ, 5GY, 7EX, —, 14MV, 19OU

- (1) 10LW      (2) 10KW      (3) 9KW      (4) 10KY

⑥ ab → aa → caab → c → abb → c

- (1) bcbca      (2) cabac      (3) cbbac      (4) bbcaa

⑦ —baa → aab → a → a

- (1) aaba      (2) abab      (3) baab      (4) aabb

⑧ ab → —baa → —ab →

- (1) baabb      (2) aabab      (3) aaaaaa      (4) aabaa

⑨ abb → baa → a → bab → aba

- (1) abab      (2) ccac      (3) aabb      (4) abba

⑩ ଫିଲେ କେବ୍ଳ ଉଦ୍ଧିଜିତ କୁ ଏଜିଲିଲ୍ ଫିଲ୍ମାର୍ ହାତ୍ରୀ ଅଛି, ଉଚ୍ଚ କେବ୍ଳ 'BROTHER' କୁ କୌଣସି ହାତ୍ରୀ କିମ୍ବା?

- (1) ETRVKGU      (2) DUQEWJNT      (3) DURWJIF      (4) EUQWJKU

⑪ ଫେବ୍ରୁଆରୀ 15789 କୁ xTzal ଫିଲ୍ମାର୍ ହାତ୍ରୀ କୁ ନାହିଁ 2346 କୁ

NPSU ଫିଲ୍ମାର୍ ହାତ୍ରୀ କୁ କୁଟି କେବ୍ଳ 23549 କୁ ଫେବ୍ରୁଆରୀ ଫିଲ୍ମାର୍ ହାତ୍ରୀ

- (1) NPTUL      (2) PNISL      (3) NPTSL      (4) NBTSU

⑫ ଫେବ୍ରୁଆରୀ 793041 କୁ MARTIN ଫିଲ୍ମାର୍ ହାତ୍ରୀ କୁ ନାହିଁ 8265

କୁ POSE ଫିଲ୍ମାର୍ ହାତ୍ରୀ କୁ, ଉଚ୍ଚ କେବ୍ଳ 80451 କୁ ଫେବ୍ରୁଆରୀ ଫିଲ୍ମାର୍ ହାତ୍ରୀ ?

- (1) PTIEM      (2) PTIEN      (3) PTIER      (4) PTIES

④ ፩፻፲፭ (፲፭-፲፮) የዚህ ስንክት ነው በ፳፭

- (i) il be pee ㄹ ղ389 3 roses are blue
  - (ii) sik hee ㄹ ղ329 3 red flowers
  - (iii) pee mit hee ㄹ ղ329 3 flowers are vegetables

(13) मैर 'सेड' रख पाऊँ दो सॉफ्टमॉर्ट लाम्ह ये?

1. thee      2. sik      3. be      4. fee

14. નેરા 'are' એ રૂપની કે સાર્વમાનિક તરીકું હોય?

1. pee      2. mit      3. hee      4. sik

15) ഫോറ്റോഗ്രാഫി, അപ്പാർട്ടമെന്റ്, ചെറുപ്പം കൂടിയ വസ്തുക്കൾ, സൗഖ്യം, മാനുഷിക വിവരങ്ങൾ എന്നിവയെ ഒരു പ്രതിഫലിക്ഷണം എന്ന് പറയാം.

1. ୨୦୩୭ 2. କୁର୍ରାତ୍ରି 3. ପ୍ରମାଣେଶ୍ୱର 4. କୁଳାଳ

17. ମୀର୍ଜାନ୍ 20 ଫେବୃଆରୀ କ୍ଷେତ୍ରରେ ଦେଖିଲା ଏହା ଏହା ପାଇଁ ଅନ୍ଧରେ କିମ୍ବା 40ଟଙ୍କା  
ଶରୀରରେ ଥିଲା ଏହା  
ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା  
ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା ଏହା

1. 20 (2nd)      2. 30 (2nd)      3. 50 (2nd)      4. 40 (2nd)

(B) એ એથે પુરુ હિન્તા ક્રીડા એ જાણ, ક્રીડા પુરુ હિન્તા અંદર એ જાણ  
હિન્તા રોંગ ઘાલી દી જાણ તો પાળા ચંકા હિન્તા હિંજી હિન્તા એ જાણાની  
1. ક્રીડા પુરુ 2. ક્રીડા ચંકા 3. એથે પુરુ 4. એથે ચંકા

- မြန်မာစွဲ အောင် အောင် ဒုက္ခ ပါရမိ ပစ္စမ ဆုံးဖြတ် ပါရမိ ဒုက္ခ

3 ପାଞ୍ଜି କଥାରେ ତା, କାବ୍ୟରେ ଯଏ ଦୀର୍ଘମ ଅନ୍ତରେ ହାତି ଉଚିତ୍ତ ଯାଏ ଯେ  
ଫିଲ୍ମ କଥା କେବୁ ଆହୁରି କଥା?

1. 4 [am]      2. 5 [am].      3. 6 [am]      4. > [am]

ଶୁଭେ (20-23) । 6 ଟଙ୍କା A, B, C, D, E ଓ F ପେଇ କେଉଁଥି ଏହା କେ  
ତଥ ଏହା ବାଟି ପେଇ-ପେଇ କିମ୍ବା କିମ୍ବା ଏହା । A, F ଦେ ଅନ୍ତରେ ବାଲୁ ଉପରେ  
କି, B, C ଓ D ଦେ ବୁଲୁଷିଛି । D, E ଦେ ଅନ୍ତରେ ବାଲୁ ଉପରେ ପେଇଲାଏଇ ।  
ଯିବା କୁଳାଙ୍ଗୀ ଦେ ଅନ୍ତରେ ପେଇ କିମ୍ବା କିମ୍ବା ଏହା ।

- (20) E દે કાઉન્ડ ફેદ કરતું કી? 4. D  
 1. C 2. B 3. A
- (21) પ્રતી આપો ફેદ, પ્રથમ ફેદ જીવ રે હો, અને દૂસરી ફેદ.  
 1. B, D 2. A, C 3. E, F 4. E, A
- (22) ગ દે ફેદને બ્રાન્ડ કરું કરું? 4. ફેન્ફ એ કરું.  
 1. F, D 2. E, C 3. G, C 4. ફેન્ફ એ કરું.
- (23) B દે જાત ચાંદ કે કેળવરી ફેદ કી? 4. D  
 1. A 2. F 3. C
- જોવેન (24-28) પ્રતી ફેદ નુદ્દા બિન્દુ રે ખાસી રે ઉત્તે ફેદ  
 (i) લ ક્રિયા એ, બ, ચ, ડ, એ નૃંગ રે હો  
 (ii) ગ અવાજી ફેદાણ કરું કરું.  
 (iii) બ નૃંગ રે પ્રથમાન્દ કાંઠ કરું કરું.  
 (iv) ર ઉત્તેખેલા ક્રિયા કરું કરું.  
 (v) ગ નૃંગ રે પ્રથમાન્દ કાંઠ કરું કરું.  
 (vi) એ નૃંગ રે પ્રથમાન્દ કાંઠ કરું કરું.
- (24) ફેદને રે ક્રિયા ઉત્તેખેલા કરીએ કરું? 4. B, F  
 (i) એ, B 2. E, F 3. C, D 4. B, F
- (25) ફેદને રે ક્રિયા પ્રથમાન્દ કાંઠાં કરું? 4. B, E  
 1. એ, C 2. B, F 3. C, F 4. B, E
- (26) ફેદને રે ક્રિયા અવાજી ક્રિયા રે હો કરું? 4. A, F  
 1. એ, B 2. એ, C 3. B, D 4. A, F
- (27) ફેદાણ નુદ્દે અવાજી પ્રથમાન્દ રે નૃંગ ઉત્તેખેલા કરીએ રુંગ અધિક  
 પ્રથમાન્દ કાંઠાં કરું કરું? 4. B  
 1. E 2. F 3. A 4. B
- (28) ફેદને રે ક્રિયા રુંગ રે પ્રથમાન્દ કાંઠાં રૂંગ નૃંગ રે નૃંગ રે રુંગ  
 ઉત્તેખેલા ક્રિયા, 4. A  
 1. એ, B 2. D, E 3. C, F 4. B, D
- (29) ગોળાની દેખાણા ફેદ ફેદ નૃંગ સંસ્કૃત ચાંદ રે વાન્ફેલે 9  $\frac{1}{2}$  રે  
 અંદે ચાંદ 9 રુંગ કરું.  
 1. J 2. K 3. H 4. A
- (30) ફેદ 'curd', 'Milk' રીત કેવીઓ કરું? 4. લાંબાં  
 1. leather 2. cloth 3. Suite 4. laces

(31) පෙර 'Doctor', 'Nurse' සඳහා 1. මුදල 'Worker' 2. මුදල 'Employer' 3. මුදල 'Follower' 4. මුදල 'Union'

(පැය 32-34) එහි පෙන්වනී (සේ (?) නොහිරි පෙන්වනී?)

(32) Peacock : India :: Bear : ?  
 1. Australia 2. America 3. Russia 4. England

(33) Pen : Writer :: Stick : ?  
 1. Wood 2. Player 3. Hockey Player 4. Game

(34) BCFG : HILM :: NORQ : ?  
 1. TXWU 2. TUXW 3. TXUW 4. TWXW

(පැය 35-37) එහි පෙන්වනී (සේ නොහිරි පෙන්වනී) පෙන්වනී (සේ නොහිරි පෙන්වනී) ?

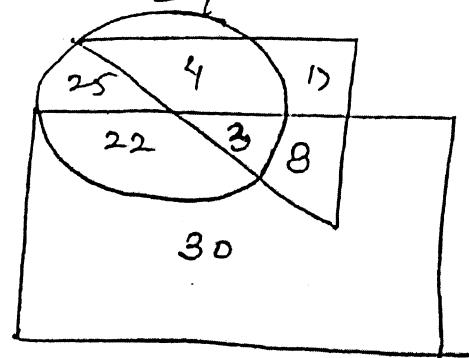
(35) Mars, Earth, Jupiter,  
 1. Planets 2. Cosmos 3. Orbits 4. Astronauts

(36) Wheat, Barley, Rice  
 1. Food 2. Agriculture 3. Farm 4. Gram

(37) Volleyball, Hockey, Football  
 1. Aquatics 2. Baseball 3. Gheletes 4. Sports

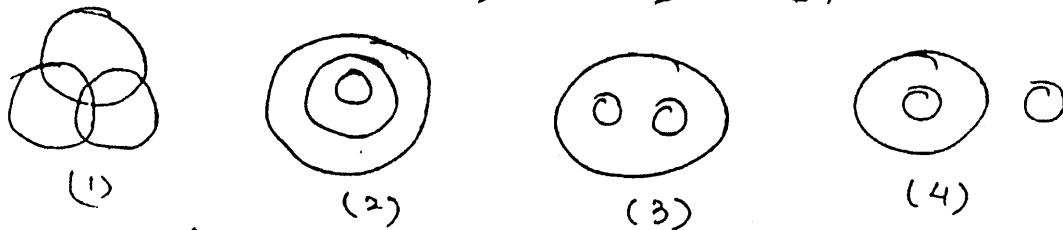
(පැය 38-42) එහි පෙන්වනී (සේ නොහිරි, පෙන්වනී නොහිරි) ?

→ පැය 38 පැය 40 න් නොහිරි, පැය 39 පැය 41 න් නොහිරි නොහිරි නොහිරි,



(38) 312207 එහි මියෙන් දේ ඇත්තේ ප්‍රියංචිල් නැං තුළ තුළ  
 (1) 22 (2) 88 (3) 3 (4) 90

(39) 123 තුළ තුළ, 145 තුළ තුළ ?  
 (1) 22 (2) 5 (3) 10 (4) 16



- (43) ନ୍ରୀଦିନାପୁର, ଶୈଖା, ଗୋଟିଏ

(44) ମାଆଁ, ଫ୍ରେଣ୍ଟି, ମାଇଟ୍

(45) କେପିଟ୍ରେ, ଲୀଜୋନ୍, କୁହା ଅଇତ୍ତାର୍

(46) ଅଶ୍ଵାଚ, ଷାକାସ, କାର୍ବିନ୍ଡା

(47) କାପତାର, କାଳ, ଲାଗିଲ୍

ਬ੍ਰਾਹਮ (48-50) ਪੇਂਡੀ ਬ੍ਰਾਹਮਿ ਵੀ ਅੜ੍ਹ ਕੇ ਰਾਨੀ ਦੇ ਲੈਂਦੇ ਹਨ।

- (i) એવી અંતિમ કુદ્રાણાની વિશે જગત પ્રથમ અંગ એ 12 વીં ચુંબીનું અંગ  
અનીંત્રાની એ 8 વીં ચુંબીનું અંગ અનુભૂતિ કરી શકતું હૈ।

(ii) અનીંત્રાની પ્રથમ અંગ એ સીધો અંગ એ કુદ્રાણાની પ્રથમ અંગ અનીંત્રાની વિશે  
ના અંગ અનુભૂતિ કરી શકતું હૈ।

(iii) એવું પ્રથમ પ્રથમ અંગ એ અનીંત્રાની 52 વેં સીધો અંગ અનુભૂતિ કરી શકતું હૈ,

(iv) અનીંત્રાની પ્રથમ અંગ એ પ્રથમ અંગ એ 26 વેં સીધો અંગ અનુભૂતિ કરી શકતું હૈ,

(48) ମାତ୍ରାଙ୍କ ଦିନ କିମ୍ବା ଅଟେ କା?

- (1) 28      (2) 29      (3) 31      (4) ଶତମାଣ ୨୦୯ ହା ଏକାଳ

(୫୭) ବୁଦ୍ଧିମ୍ବ ପଦ୍ଧତି ପରିଚୟ ଆଜି କେବୀରେ ଥିଲା କିମ୍ବା କେବଳ କେତେ ତାରିଖରେ ?

(1) 23 ଅବୀ      (2) 26 ଅବୀ      (3) 28 ଅବୀ      (4) ଶତମାଣ ୨୦୯ ହା ଏକାଳ

(୫୮) ଗୀତା କେବେ ବ୍ୟାଖ୍ୟାତ ହେଲା ?

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

ପ୍ରଶ୍ନାବିନୀ (51-53) ହେଉ ଥିଲା କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା :

(51) 1. Study 2. Books 3. Exam 4. Students 5. Result

(1) 4, 2, 3, 1, 5 (2) 4, 2, 1, 3, 5 (3) 2, 1, 4, 3, 5 (4) 2, 3, 1, 4, 5

(52) 1. Plant 2. Fertilizer 3. Seed 4. Leaf 5. Flower

(1) 1, 3, 4, 5, 2 (2) 3, 2, 4, 5, 1 (3) 5, 4, 3, 2, 1 (4) 3, 2, 1, 4, 5

(53) 1. Hospital 2. Doctor 3. Disease 4. Diagnosis 5. Medicine

(1) 3, 2, 4, 5, 1 (2) 2, 4, 3, 5, 1 (3) 4, 3, 2, 5, 1 (4) 4, 2, 3, 5, 1

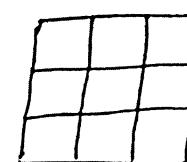
(54) ଫେବୃରୀ ମୁଦ୍ଦର କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା

(1) 5 (2) 8 (3) 14 (4) 10



(55) ଫେବୃରୀ ମୁଦ୍ଦର କିମ୍ବା କିମ୍ବା କିମ୍ବା

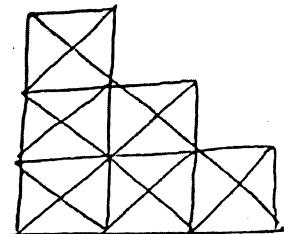
(1) 9 (2) 14 (3) 13 (4) 10



(56-57) କେବଳ କିମ୍ବା କିମ୍ବା

(56) କେବଳ କିମ୍ବା ?

(1) 14 (2) 13 (3) 12 (4) 10



(57) କେବଳ କିମ୍ବା ?

(1) 8 (2) 11 (3) 14 (4) 15

(58) A, B ଏବଂ C କୁ; D, E ଏବଂ F କୁ କେବଳ କିମ୍ବା ?  
D ଏବଂ E କୁ କେବଳ କିମ୍ବା ?

(1) କେବଳ (2) କେବଳ (3) କେବଳ (4) କେବଳ

(59) P, K ଏବଂ M କୁ, K, D ଏବଂ F କୁ, J, E ଏବଂ G କୁ, P ଏବଂ M କୁ  
କେବଳ କିମ୍ବା ?

(1) କେବଳ (2) କେବଳ (3) କେବଳ (4) କେବଳ

(60) "କେବଳ କୁ କେବଳ," "କେବଳ କେବଳ କେବଳ କୁ କେବଳ କୁ,"  
କେବଳ କୁ କେବଳ କୁ କୁ କେବଳ କୁ ?

(1) କେବଳ (2) କେବଳ (3) କେବଳ (4) କେବଳ

(61) କେବଳ କୁ କୁ କୁ କୁ କୁ, କେବଳ କୁ କୁ, "କୁ କୁ କୁ କୁ କୁ"  
କୁ କୁ କୁ କୁ କୁ ?

(1) କେବଳ (2) କେବଳ (3) କେବଳ (4) କେବଳ

৩০২ (৬২-৬৩)

- (i)  $P \times Q$  എ ഗൃഹാ 'P, Q എ ദാതാ ത'

(ii)  $P - Q$  എ ഗൃഹാ 'P, Q എ ഭക്തി ത'

(iii)  $P + Q$  എ ഗൃഹാ P, Q എ [431] T

(iv)  $P \div Q$  എ ഗൃഹാ P, Q എ നിഃബന്ധം T

(62)  $\{x_0, x_1, \dots, x_n\}$  မှာ  $x_i$  ( $i = 0, 1, \dots, n$ ) အတွက်  $x_i^2$  မှာ  $x_i$  မှာ မရှိခဲ့ပါ။

- $$(1) \quad N - K \times M \quad (2) \quad N \times K \div M \quad (3) \quad N \div K \times M \quad (4) \quad N - K + M \times F$$

⑥3) Postižit české země je ta, w zízadsi

- $$(1) \quad w \div R + F \quad (2) \quad w \times R \times F \quad (3) \quad w \cdot R \times F - T \quad (4) \quad w + R - F \times T$$

ਖੜ੍ਹੇਂ (੬੪-੬੭) ਸ਼੍ਰੀਆਪਤੀ ਨਾਨਾ ਅੰਤੇ ਸ਼੍ਰੀਸਤੀ ਨਾਨਾ ਦੇ ਵੋ ਲੱਚੇ ਸਾਡੇ, ਅੰਤੇ  
ਕੌਂਝੀ ਵੱਡੀ, ਕੌਂਝੀ ਅਤੇ ਫਿਲਮ ਵਿਖੇ ਵੀਂ ਤੇਜ਼ੀਆਂ ਤੋਂ ਛੁਟ੍ਟੇ ਸ਼੍ਰੀਸਤੀ ਆਖੜ  
ਦੀ ਯਕੜੀ ਕੇ, ਹੁਠਰੇ ਤੋਂ ਸ਼੍ਰੀਸਤੀ ਅਧਾਰ ਅਤੇ ਯਕੜਾ ਕੇ, ਅਤੇ ਫਿਲਮ ਵੀਂ ਤੋਂ  
ਤੇਜ਼ੀਆਂ ਤੋਂ, ਜੜ੍ਹੀ ਅੰਤੇ ਪੈਂਥੀ, ਹੁਠਰੇ ਅੰਤੇ ਵੀਂ ਕੇ ਵੱਚ ਵੱਡੀ। ਉਨ੍ਹਾਂ ਅੰਤੇ ਹੁਧਾ  
ਹੁਣੀ ਅੰਤੇ ਰਾਧਾ, ਥੀਆਂ ਯਕੜੀਆਂ ਵੱਡੀਆਂ ਵੱਡੀਆਂ।

64. కోర్ ఎ బెట్లా (surname) ఏ? \*

- (1) ପିଲାକୁ ପିଲାକୁ (2) କାନ୍ଦାରୀ କାନ୍ଦାରୀ (3) ମାତ୍ରା ମାତ୍ରା (4) ଶରୀର ଶରୀର

(63) ਹੁਣੇ ਦੇ ਨਾਂ ਵਿਖੇ ਕਿਸੇ ਵੀ ਲੋਕਾਂ ਦੇ

- (1) ପଦ୍ମ (2) ମାନ୍ଦିର (3) ଅକ୍ଷେତ୍ର (4) ରାଜ୍ୟ, ଭାବୀ

੬੬) ਮੂਰਾ ਦੇ ਲਾਲੋ ਰਾਖੇ ਹੈ ਪੜ੍ਹਤੀ ਕਿ?

- (1) १८ (2) ३३९८७ (3) ३०८ (4) ४३२५

(6) ਕਿੰਹਿ ਦੇ ਲ੍ਹਾਗਿ ਵਾਲਾ ਜਾਂ ਕਿੰਹਿ ਪੱਤਰੀ ਕਿੰਹਿ ਹੈ ?

- (1)  $\frac{1}{2} \sin 12^\circ$       (2)  $-\frac{1}{2} \sin 3^\circ$       (3)  $\frac{1}{2} \sin 25^\circ$       (4)  $\frac{1}{2} \cos 25^\circ$

ਪ੍ਰਾਚੀ (68-72) ਪਾਂਡਿ ਪ੍ਰਾਚੀ ਦੀ ਵੇਖ ਕੇ ਜਨਾਂ ਦੇ ਉੱਤੇ ਫੇਰੀ

896739378399563969398

63) ମଧ୍ୟ ପଦ୍ମ ଓ କରି କାହାର କାହାର କାହାର କାହାର

(1) 1      (2) 5      (3) 4      (4) 3

- (1) 1 (2) 3 - விளைவு தடியு.

62) പെട്ടെന്നും പെട്ടെന്നും മുൻപുമുള്ള അവലോകനം എന്ന് ചൊല്ലുന്നത്

(1) 8 (2) 9 (3) 5 (4) 6

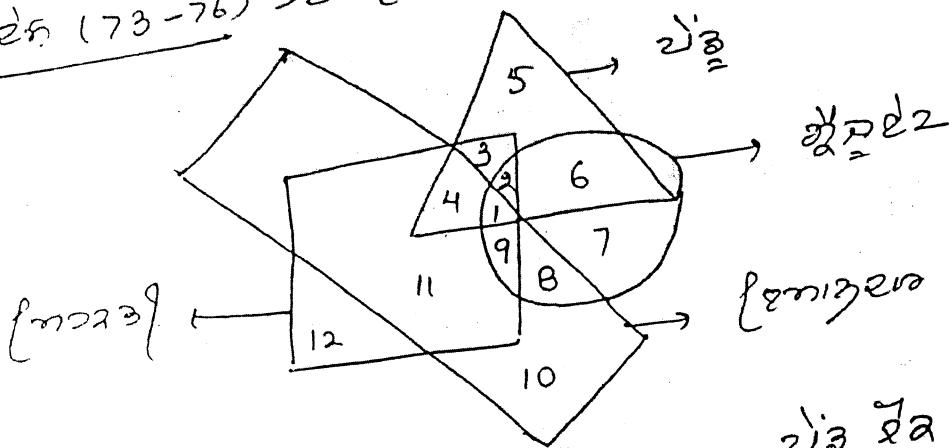
ੴ ਸਤਿਗੁਰ ਪ੍ਰਸਾਦਿ ॥ ਰਾਮਨਾਥ ਮਨਿ ਦਾ, ਪੰਜਾਬ ਪੰਜਾਬ ॥

是嗎？

- 112 6 (2) ✓

71. କାର୍ଯ୍ୟ ପାଇଁ ୩ ଦେଇ  
 (1) 6      (2) 3      (3) 5      (4) 2
72. ବ୍ୟାଙ୍ଗାଳି କାହିଁ ହେବାରୁ କାହିଁ  
 (1) 0      (2) 3      (3) 9      (4) 5

କାର୍ଯ୍ୟ (73-76) ତଥି କଣ୍ଠରେ ଏବଂ ମନ୍ତ୍ରରେ କଣ୍ଠରେ



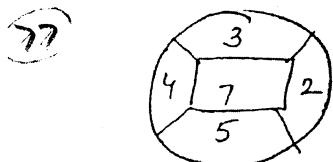
73. ଶୁଦ୍ଧିକୁ, ଫଳବିନୀ ମଧ୍ୟ ପଣ୍ଡିତରେ ଉଚ୍ଚ କ୍ଷତ୍ର  
 (1) 1      (2) 2      (3) 3      (4) 4

74. ଏହି କ୍ଷତ୍ର କେବଳ ଫଳବିନୀ ମଧ୍ୟ ଶୁଦ୍ଧିକୁ କାହିଁ କଣ୍ଠରେ  
 (1) 1      (2) 2      (3) 3      (4) 4

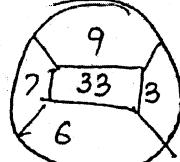
75. କାର୍ଯ୍ୟ ଶୁଦ୍ଧିକୁ ଏବଂ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ  
 (1) 5      (2) 7      (3) 10      (4) 11

76. ଏହି ଶୁଦ୍ଧିକୁ ଏବଂ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ  
 (1) 2      (2) 4      (3) 6      (4) 9

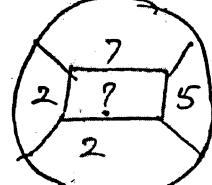
କାର୍ଯ୍ୟ (77-80) ତଥି କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ କଣ୍ଠରେ



(1) 6

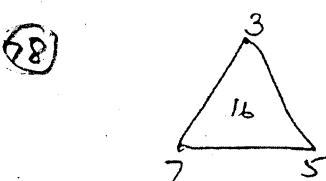


(2) 4

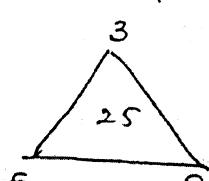


(3) 11

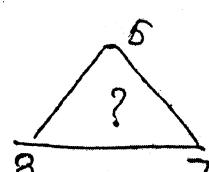
(4) 18



(1) 9



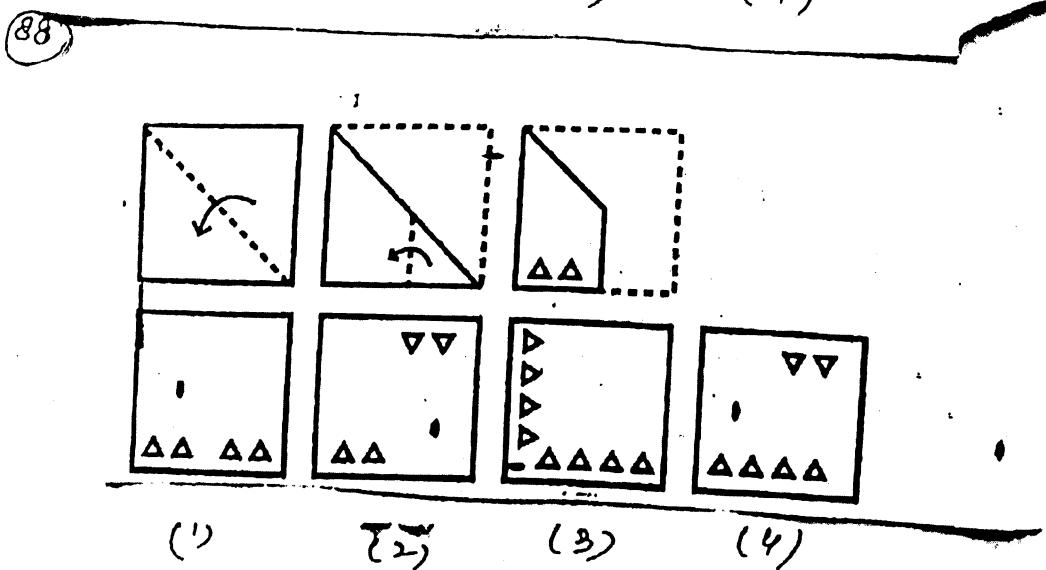
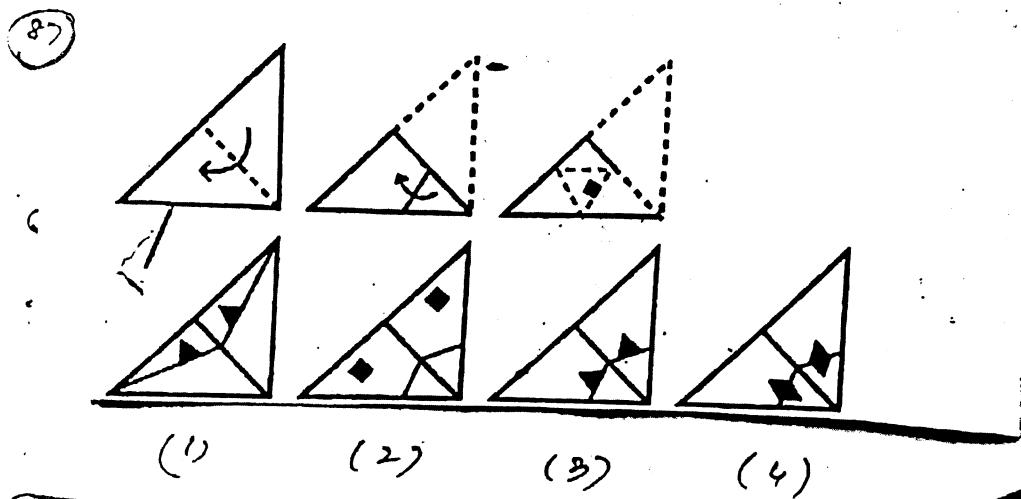
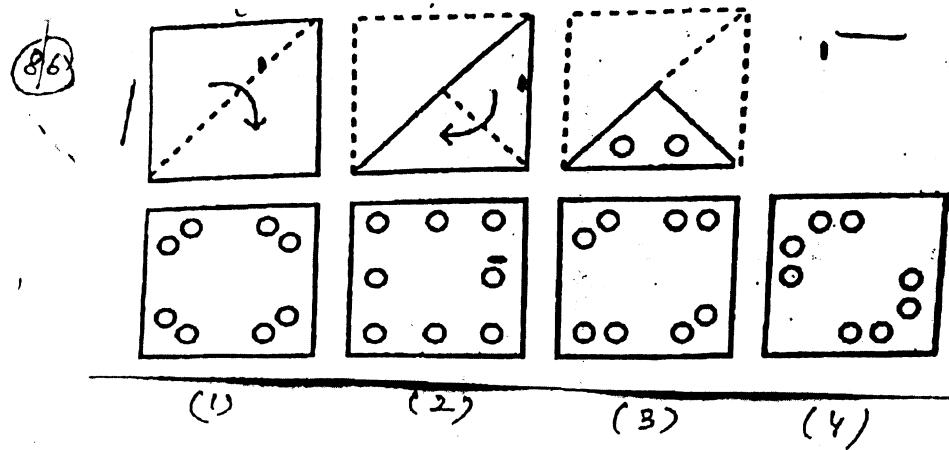
(2) 16



(3) 12

(4) 8

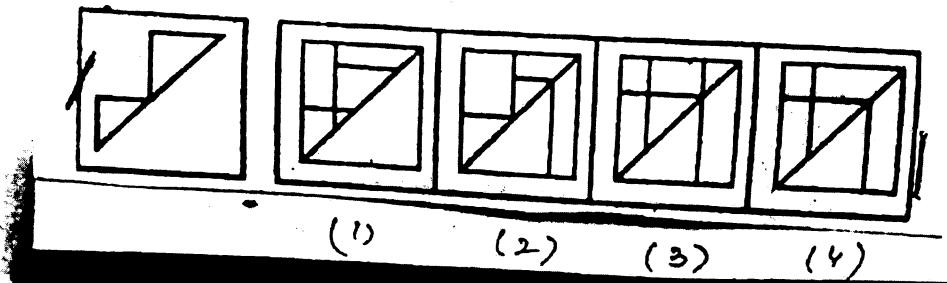




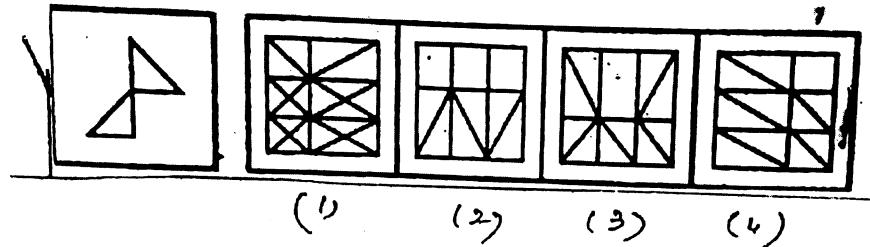
2132

ପ୍ରସ୍ତରୀୟ (89-91) ଦେଖି କେବେ କଣ୍ଠରୀ ଫେରୁ ପ୍ରାପ୍ତିପଢ଼ା ଏବଂ ଏହା  
ପ୍ରସ୍ତରୀୟ କେବେ କଣ୍ଠରୀ ଫେରୁ କଣ୍ଠରୀ ଫେରୁ ଏବଂ ଏହା କଣ୍ଠରୀ ଫେରୁ  
ଏବଂ ଏହା କଣ୍ଠରୀ ଫେରୁ ଏବଂ

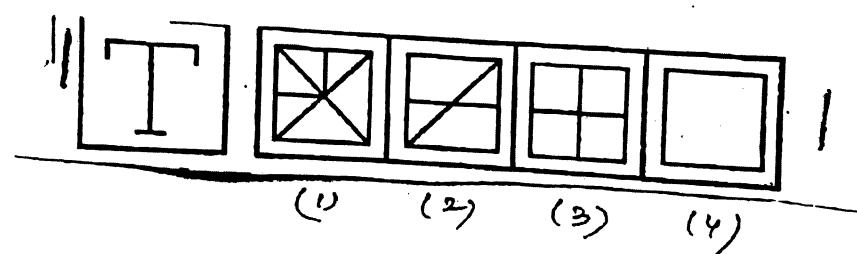
(89)



(90)

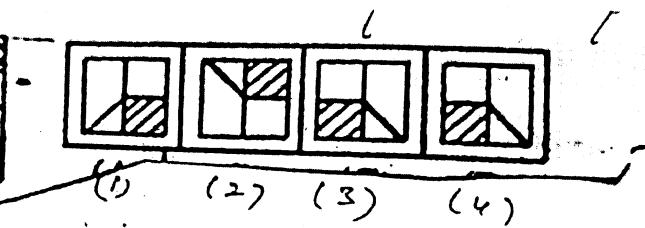
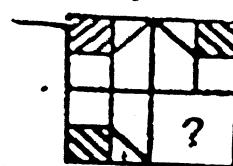


(91)

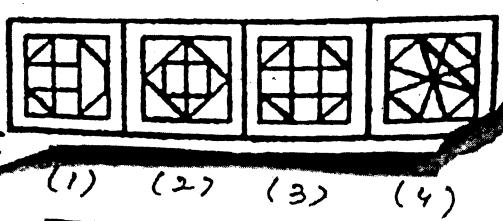
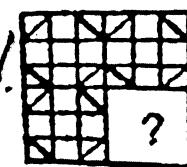


ફોર્મ (92-94) નું વાળું હો, 92નું ફોર્મ હો રહે હો  
વાળું ફોર્મ (?) નું વાળું હોય છે, અને 91નું વાળું હોય નથી,

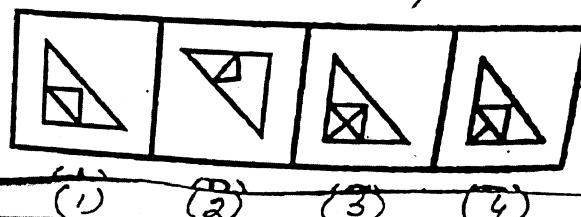
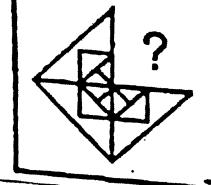
(92)



(93)



(94)

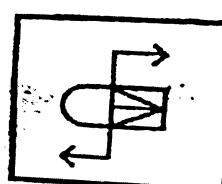


(95) બેટી હેડ નોંધ/સંચાર નું અંગરેજ એફ આઉફ વર્ક્ષેપ (Water Image)  
હેડ હેડ કેવી નું ફેરફાર હોય,

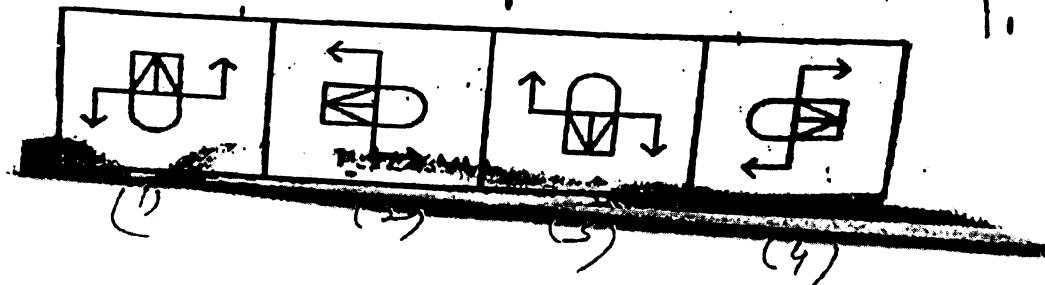
RAJ589D8

(1) K A L 2 8 D 8      (2) A R 1 2 8 D 8  
(3) K A 2 8 D 8      (4) A R 2 8 D 8

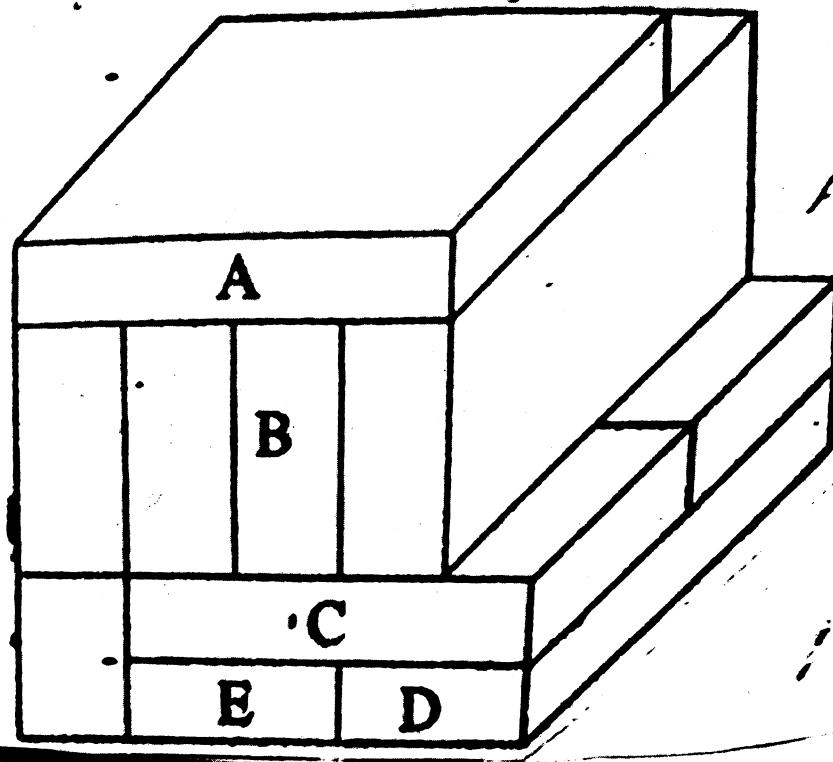
(96) એ?



A  
B



ପ୍ରସ୍ତର (97-100) ପାଇ କେବେ କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା  
କିମ୍ବା କିମ୍ବା :



(97) କିମ୍ବା କିମ୍ବା, A କେବେ କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା କିମ୍ବା ?

- (1) 2      (2) 6      (3) 5      (4) 4

(98) କିମ୍ବା କିମ୍ବା, B କେବେ କିମ୍ବା କିମ୍ବା କିମ୍ବା ?

- (1) 2      (2) 4      (3) 5      (4) 6

(99) କିମ୍ବା କିମ୍ବା, C କେବେ କିମ୍ବା କିମ୍ବା ?

- (1) 2      (2) 6      (3) 7      (4) 3

(100) କିମ୍ବା କିମ୍ବା, E କେବେ କିମ୍ବା କିମ୍ବା ?

- (1) 6      (2) 5      (3) 3      (4) 4

MAF (MENTAL ABILITY TEST)

① Directions (1-9): complete the series:

① 2, 6, 11, 17, 24, - -

(1) 36 (2) 33 (3) 32 (4) 34

②  $\frac{2}{\sqrt{5}}, \frac{3}{5}, \frac{4}{5\sqrt{5}}, \frac{5}{25}, -$

(1)  $\frac{6}{25\sqrt{5}}$  (2)  $\frac{7}{25}$

(3)  $\frac{6}{125}$

(4)  $\frac{6}{5\sqrt{5}}$

③ 3, —, 15, 31, 63, 127

(1) 7 (2) 5

(3) 10

(4) 12

④ AZ, GT, MN, —, YB

(1) KF (2) RX

(3) TS

(4) SH

⑤ 4EZ, 5GY, 7FX, —, 14MV, 19OU

(1) 10LW (2) 10KW

(3) 9KW

(4) 10KY

⑥ ab - aa - caab - c - abb - c

(1) bcbca

(2) cabac

(3) cbbae

(4) bbcaa

⑦ - baa - aab - a - a

(1) aaba

(2) abab

(3) baab

(4) aabb

⑧ ab - - baa - - ab -

(1) baabb

(2) aabab

(3) aaaaa

(4) aabaa

⑨ abb - baa - a - bab - aba

(1) abab

(2) ccac

(3) aabb

(4) abba

⑩ In a certain code BROTHER is written as CELLLV,  
How will 'BROTHER' be written in the same code

(1) ETRVKGU

(2) DUQWJHT

(3) DURWJHT

(4) EUQWKH;

If in a certain code 15789 is written as XTZAL and  
2346 as NPSU then how will 23549 be written in  
the same code

(1) NPTUL

(2) PNTSL

(3) NPTSL

(4) NBTSL

⑪ If in a certain code 793041 is written as MARTIN  
and 8265 as POSE then how will the number  
80451 be coded in the same code:

(1) PTLEM

(2) PTLEN

(3) PTIER

(4) PTIES

 DIRECTIONS: <sup>(13-14)</sup> In a certain code

- (i) it be pee means roses are blue
- (ii) sik tee means red flowers
- (iii) pee mit tee means flowers are vegetables

13. Which word is used for 'red' in this code

- 1. tee 2. sik 3. be 4. pee

14. Which word is used for '~~are~~' in this code.

- 1. pee 2. mit 3. tee 4. sik.

15. If air is called water, water is called stone, stone is called tree, tree is called ship, ship is called boat and boat is called car, where do birds live?

- 1. Tree 2. Stone 3. Water 4. Ship.

16. If Moon is called star, Star is sun, Sun is Earth, Earth is Jupiter, Jupiter is Mars and Mars is Mercury where does Mars live?

- 1. Earth 2. Sun 3. Jupiter 4. Mercury.

17. Anti walks 20 km towards North. He turns left and walks 40 km. He again turns left and walks 20 km. Originally he moved 20 km after turning to his left. How far is he from his starting position?

1. 20 km 2. 30 km 3. 50 km 4. 40 km.

18. If South-East becomes North, North-East becomes West and so on. What will West become  
1. North-East 2. North-West 3. South-East 4. South-West

19. Manpreet starting from her house, goes 4 km in the East, then she turns to her right and goes 3 km. What minimum distance will be covered by her to come back to her house?

1. 4 km 2. 5 km 3. 6 km 4. 7 km.

20. Directions (20-23) Each of the following questions, & six friends A, B, C, D, E and F are sitting around the hexagonal table each at one corner. F is second to the left of E. B is the neighbour of C and D. E is the second to the left of D.

B. Which of following is sitting opposite to E?  
1. C 2. B. 3. A 4. D.

- (d) Out of the five, ~~four~~<sup>three</sup> pairs alike. Find odd one-
1. B, D
  2. A, C
  3. E, F
  4. E, F
- (e) Which of the following are the neighbouring A?
1. F and D
  2. E and C
  3. F and C
  4. None
- (f) Who is fourth person left of B?
1. F
  2. F
  3. C.
  4. D.
- (g) Directions: <sup>(24-28)</sup> Read the following information carefully and answer the questions that follow:
- (i) There are six cities A, B, C, D, E and F
  - (ii) A is not a hill station
  - (iii) B and E are not historical places.
  - (iv) D is not an industrial city.
  - (v) A and D are not historical places.
  - (vi) F and B are not alike
- (h) Which two cities are industrial centres?
1. A and B.
  2. E, F
  3. C, D
  4. B, F
- (i) Which two cities are historical places?
1. A, C
  2. D, F
  3. C, F
  4. B, E
- (j) Which two cities are hill stations?
1. A, B
  2. A, C
  3. B, D
  4. A, F
- (k) Which city is a hill station and an industrial centre but not a historical place?
1. F
  2. F
  3. A
  4. B
- (l) Which two cities are neither historical places nor industrial centres?
1. A, B
  2. D, E
  3. C, F
  4. B, D.

(29) In English alphabets, which letter is 9th to the left of 9th letter from the right end?

1. S 2. K 3. M 4. A

(30) If 'Curd' is related to 'Milk' in the same way as 'Swee' is related to

1. Leader 2. Cloth 3. Salt 4. Silver

(31) If 'Doctor' is related to 'Nurse' in the same way as 'Leader' is related to

1. Employer 2. Worker 3. Followers 4. Union

(32) Directions: In each of the following question, select the alternative that will come in place of (?)

(32) Peacock : India :: Bear : ?

1. Australia 2. America 3. Russia 4. England

(32) ~~Tiger : Forest :: ?~~

(33) Pen : Writer :: Stick : ?

1. wood 2. Player 3. Hockey Player 4. Game

(34) BCFG : HILM :: NORQ : ?

1. TXWU 2. TUXW 3. TXWU 4. TVWX

(35) Directions: Each of the following questions has a group. In which one of the given alternatives will be another member of the group or of that class?

(35) Mars, Earth, Jupiter

1. Planets 2. Cosmos 3. Orbits 4. Astronauts

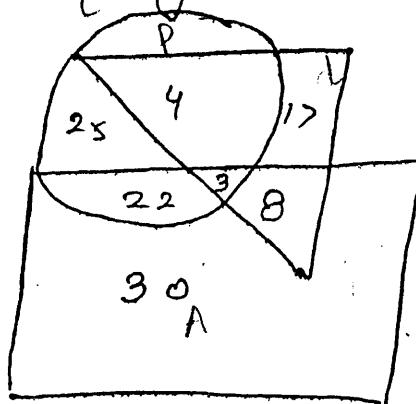
(36) Wheat, Barley, Rice

1. Food 2. Agriculture 3. Farm 4. Gram

(37) Valleyball, Hockey, Football

1. Aquatics 2. Baseball 3. Fizebolos 4. Sports

38 Directions: (38-42) From the diagram mentioned below, answer the questions. Triangle represents doctors, Circle represents players and rectangle represents artists.



(38) Number of doctors who are both the players and artists  
 (1) 22      (2) 88      (3) 3      (4) 30

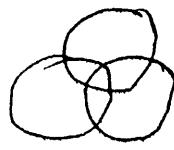
(39) How many artists are players?  
 (1) 22      (2) 5      (3) 10      (4) 16

(40) Number of doctors, who are neither artists nor players?  
 (1) 5      (2) 17      (3) 10      (4) 30

(41) Number of players, who are neither doctors nor artists?  
 (1) 25      (2) 17      (3) 5      (4) 10

(42) Number of artists, who are neither players nor doctors?  
 (1) 10      (2) 17      (3) 30      (4) 15

Directions: (43-47) In each of the following questions, there are three words which are related in a particular sense. Mark any one (1), (2), (3) or (4) from the diagrams which represents properly the relation:



(1)



(2)



(3)



(4)

(43) Teacher, Writer, Singer

(44) Parents, Father, Mother

(45) Cabinet, Minister, Home minister

(46) Sailor, Ship, Sea

(47) Hospital, Nurse, Patient

Directions: (48-50) Read the following and answer the question.

- (i) In a class of boys and girls the position of Amar is 12<sup>th</sup> while the position of Meera is 8<sup>th</sup>.
- (ii) Among the boys the rank of Amar is 6<sup>th</sup> and among the girls, the rank of Meera is 3<sup>rd</sup>.
- (iii) In class, the rank of Meera is 52<sup>nd</sup> from the other end.
- (iv) Among the boys the rank of Amar is 26<sup>th</sup> from the other end.

(48) How many boys are there in the class?

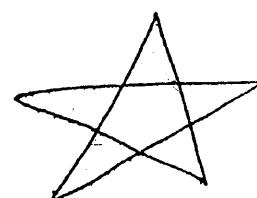
- (1) 28      (2) 29      (3) 31      (4) Cannot be determined
- (49) What is the rank of Meera among the girls from the other end?
- (1) 23<sup>rd</sup>      (2) 26<sup>th</sup>      (3) 28<sup>th</sup>      (4) Cannot be determined
- (50) How many boys are there before Meera?
- (1) 3      (2) 4      (3) 5      (4) 8

Directions: (51-53) Find the meaningful sequence in each of the following questions:

- (51) 1. Study 2. Books 3. Exam 4. Students 5. Result
- (1) 4, 2, 3, 1, 5      (2) 4, 2, 1, 3, 5      (3) 2, 1, 4, 3, 5      (4) 2, 3, 1, 4, 5
- (52) 1. Plant 2. Fertilizer 3. Seed 4. Leaf 5. Flower
- (1) 1, 3, 4, 5, 2      (2) 3, 2, 4, 5, 1      (3) 5, 4, 3, 2, 1      (4) 3, 2, 1, 4, 5
- (53) 1. Treatment 2. Doctor 3. Disease 4. Diagnosis 5. Medicine
- (1) 3, 2, 4, 5, 1      (2) 2, 4, 3, 5, 1      (3) 4, 3, 2, 5, 1      (4) 4, 2, 3, 5, 1

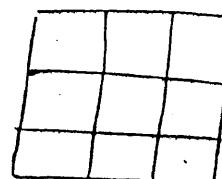
(54) How many triangles are there in the adjoining figure

- (1) 5      (2) 8      (3) 14      (4) 10



(55) What is the maximum number of squares in adjoining figure?

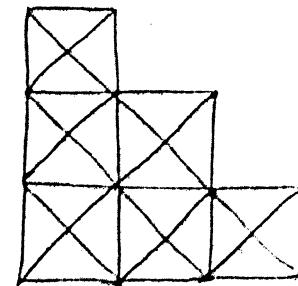
- (1) 9      (2) 14      (3) 13      (4) 10



Ques 53: In the adjoining figure:

(i) how many squares are there?

- (1) 14    (2) 13    (3) 12    (4) 10



(ii) how many rectangles are there?

- (1) 8    (2) 11    (3) 14    (4) 15

(iii) how many triangles are there?

Ans: 1) 8    2) 70

(iv) if A is brother of B, B is the sister of C and C is the father of D, how D is related to A?

- (1) Brother    (2) Sister    (3) Nephew    (4) None of these

(v) P is mother of K, K is the sister of D who is father of J. how is P related to J?

- (1) Mother    (2) Grandmother    (3) Aunt    (4) Sister

(vi) Anir said, "This girl is the wife of the grandson of my mother." how is Anir related to the girl?

- (1) Father    (2) Grandfather    (3) Husband    (4) Father-in-law

(vii) Referring to a photograph, Seema said, "He is the only grandson of my mother's father-in-law." how is the man in photograph related to Seema?

- (1) Father    (2) Uncle    (3) Cousin    (4) Brother

Directions: (62-63)

(i) 'P×Q' means 'P is brother of Q'

(ii) 'P-Q' means 'P is sister of Q'

(iii) 'P+Q' means 'P is father of Q'

(iv) 'P÷Q' means 'P is mother of Q'

(v) which of the following represents 'y is nephew of z'?

- (1) N-K×M    (2) N×K÷M    (3) N÷K×M    (4) N-K+M×T

(vi) which of the following represents 'F is daughter of w'?

- (1) W÷R+F    (2) W×R×F    (3) W+R×F-T    (4) W+R-F×T

Directions (64-67) Mr. and Mrs. Sharma have two children Asha and Shashi; Shashi married Radha, daughter of Mrs. Mahajan. Suresh, son of Mrs. Mahajan married Rita. Sonu and Rocky are born to Suresh and Rita. Uma and Sudha are the daughters of Shashi and Radha.

(64) What is the surname of Sonu?

- (1) Mahajan (2) Sharma (3) Shashi (4) None

(65) How is Suresh related to Sudha?

- (1) Sister (2) Maternal Uncle (3) Uncle (4) Cousin

(66) What is Sudha's relation to Asha?

- (1) Sister (2) Niece (3) Aunt (4) Daughter

(67) How is Sonu related to Mrs. Mahajan?

- (1) Son-in-law (2) Grandson (3) Son (4) None

Directions (68-72) Based on the following sequence of numbers. 8 9 6 7 3 9 3 7 8 3 9 9 5 6 3 9 6 9 5 9 8

(68) How many 9's are there which are preceded by 3 but not immediately followed by 9?

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

(69) Which digit has the least frequency in the above set of figures?

- (1) 8 (2) 9 (3) 5 (4) 6

(70) There are pairs of adjoining numbers which add up to 12. How many such pairs are there?

- (1) 6 (2) 2 (3) 5 (4) 4

(71) How many 3's are there not preceded by 9 but immediately followed by 9?

- (1) 6 (2) 3 (3) 5 (4) 2

(72) Which digit is exactly in the middle in the above set of numbers?

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

(4) 4

(3) -2

(2) -1

(1) 1

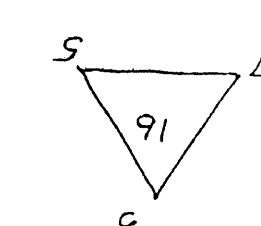
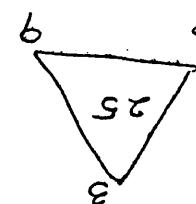
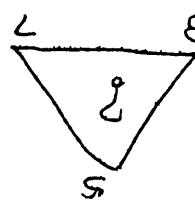
2	?	0
1	0	-1
-1	-2	0
0		

(4) 8

(3) 12

(2) 16

(1) 9

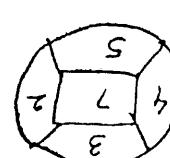
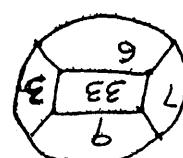
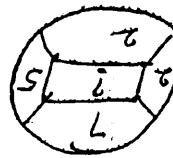


(4) 18

(3) 11

(2) 4

(1) 6



Directions: (7) - 80% go to the following, a set of powers calculating certain constants is given, the calculate following a suitable pattern, find the missing values:

(4) 9 (3) 6 (2) 4

(1) 2 (2) 8 (3) 4  
hard - like playing are

(6) Black squares who are called stones → role

(1) 5 (2) 7 (3) 10 (4) 11  
one player are separated by

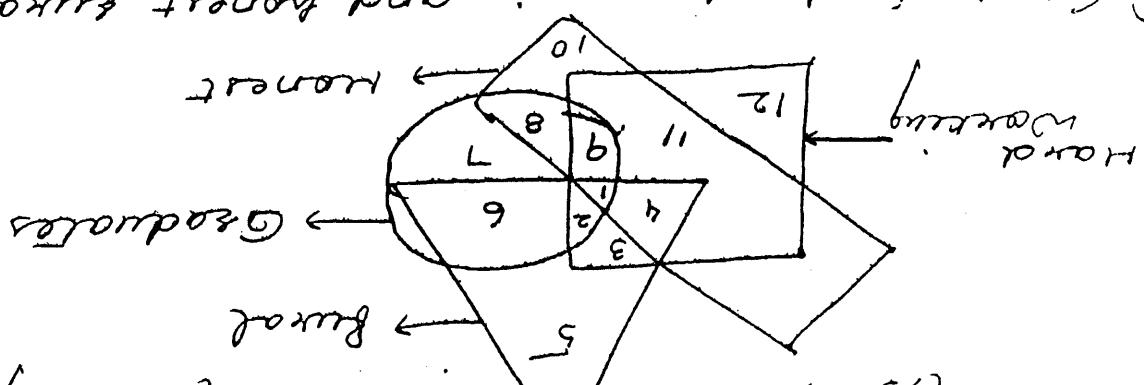
(5) Usual games who are called board measuring  
Purplish squares who are called stones → role

(1) 1 (2) 2 (3) 3 (4) 4  
but not longer?

(24) Purplish people who are hard measuring and games  
are included?

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

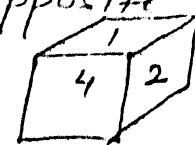
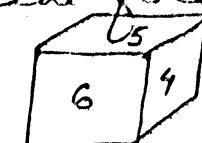
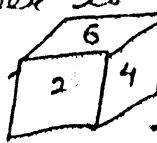
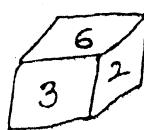
(13) Gradually, hard measuring and stones + other people



(12) Solution: 1000 - 400 = 600  
→ 1000 - 400 = 600

- (80) 2 (2) 4      5 (19) 7      8 (?) 10
- 3                  4                  5
- (1) 60      (2) 20      (3) 40      (4) 45

(81) which number is on the face opposite to 6?



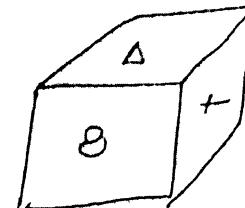
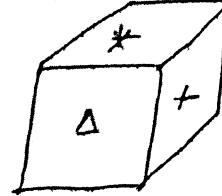
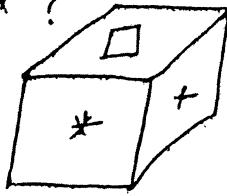
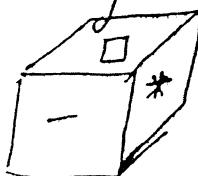
(1) 4

(2) 1

(3) 2

(4) 3

(82) which symbol will be on the face opposite to the face with symbol \*?



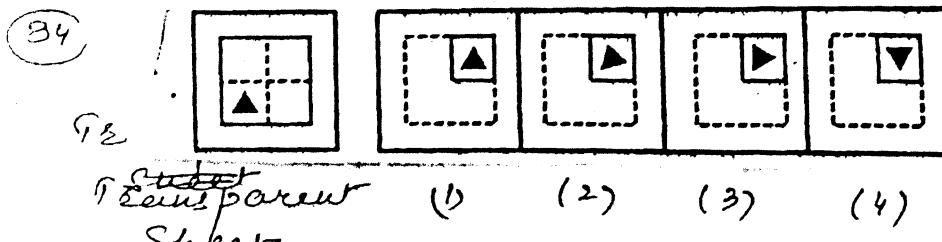
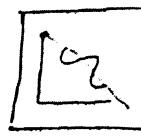
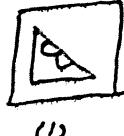
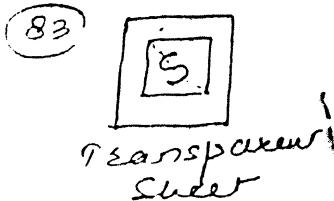
(1) □

(2) Δ

(3) 8

(4) +

(83) Directions: In each of the following questions, a square transparent sheet with a pattern is given. Find out from the four alternatives as to how pattern would appear when the transparent sheet is folded along dotted line.

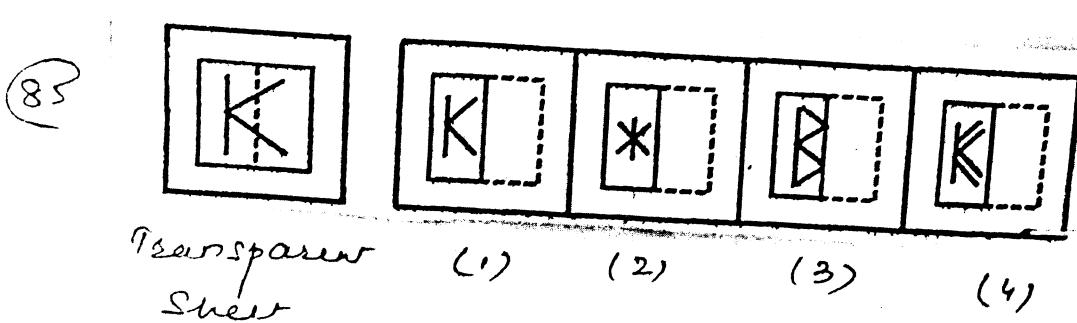


(1)

(2)

(3)

(4)



(1)

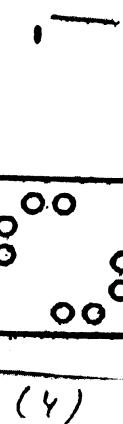
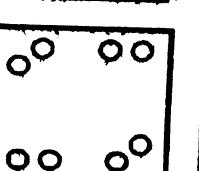
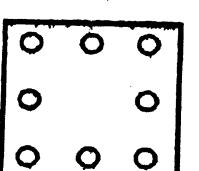
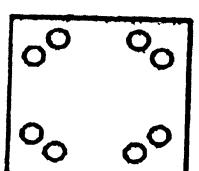
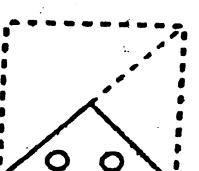
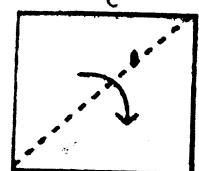
(2)

(3)

(4)

Directions: (86—88) Each of the questions a piece of sheer is folded and cut and then unfolded. one of the four alternative figures (1), (2), (3) and (4) exactly resembles the unfolded paper.

(86)



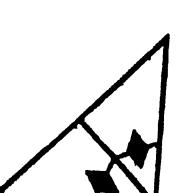
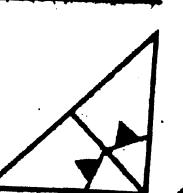
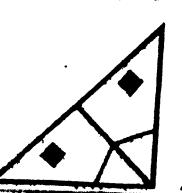
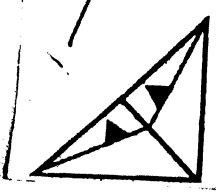
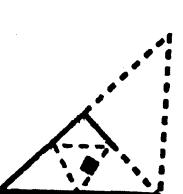
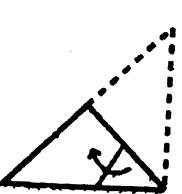
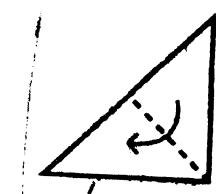
(1)

(2)

(3)

(4)

(87)



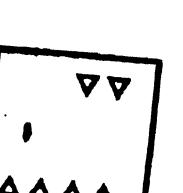
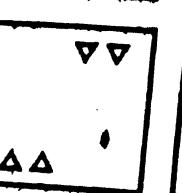
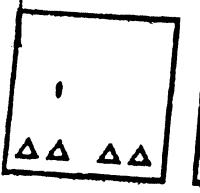
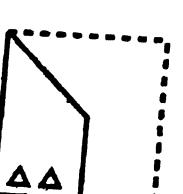
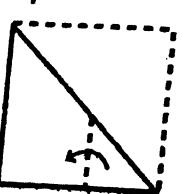
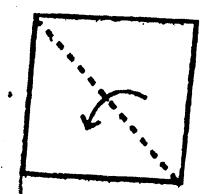
(1)

(2)

(3)

(4)

(88)



(1)

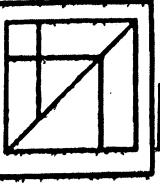
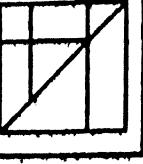
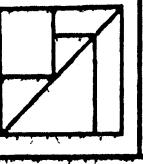
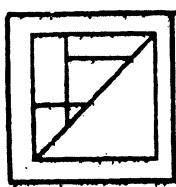
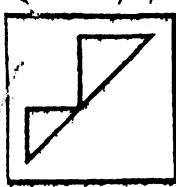
(2)

(3)

(4)

Directions (89-91) In each of the following questions one model figure is followed by four answer figures (1), (2), (3), (4). In one of the answer figures, the model figure is concealed. Find the answer.

(89)



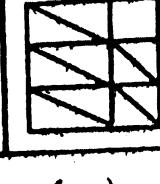
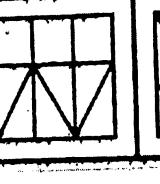
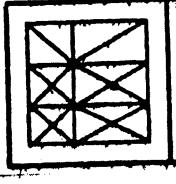
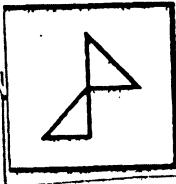
(1)

(2)

(3)

(4)

(90)



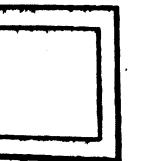
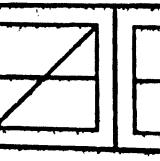
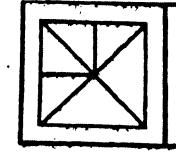
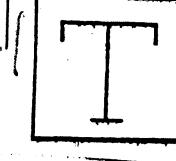
(1)

(2)

(3)

(4)

(91)



(1)

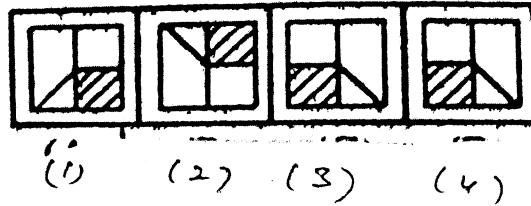
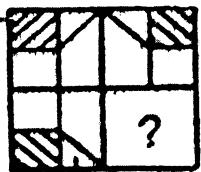
(2)

(3)

(4)

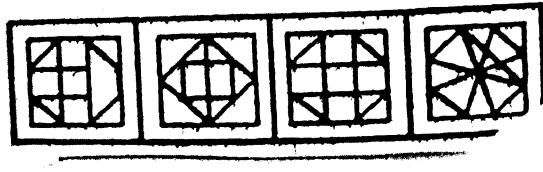
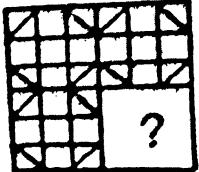
Directions (92 - 94) By the following, there is one figure in the four alternatives which, if placed in place of question mark (?), will complete the pattern.

(92)



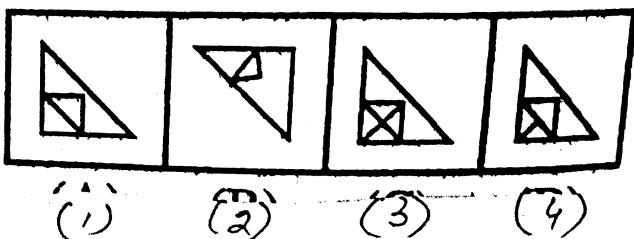
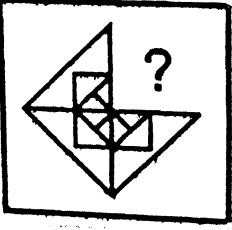
(1) (2) (3) (4)

(93)



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

(94)



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

(95) This question related to number/alphabet and their water images. Select the proper alternative:

R A J 5 8 9 D 8

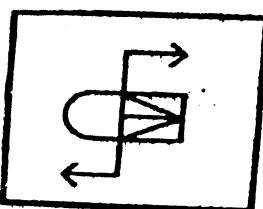
(A) K A 1 2 8 D D 8

(B) R A 1 2 8 D D 8

(C) K A 1 2 8 D D 8

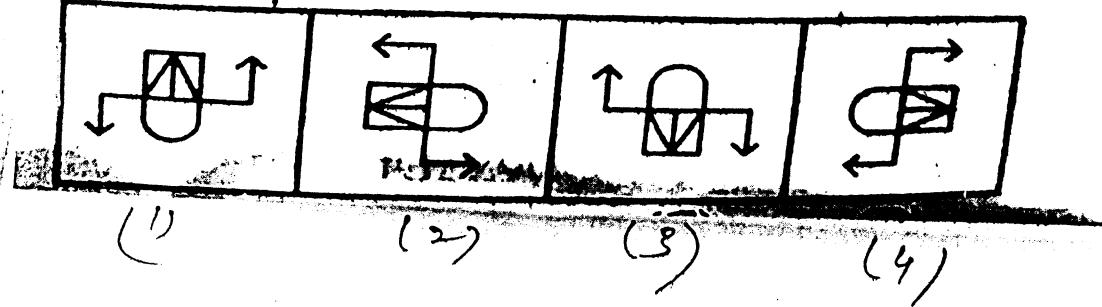
(D) R A 1 2 8 D D 8

(96) When a mirror is kept on AB, which will be the image of the figure?



A

B



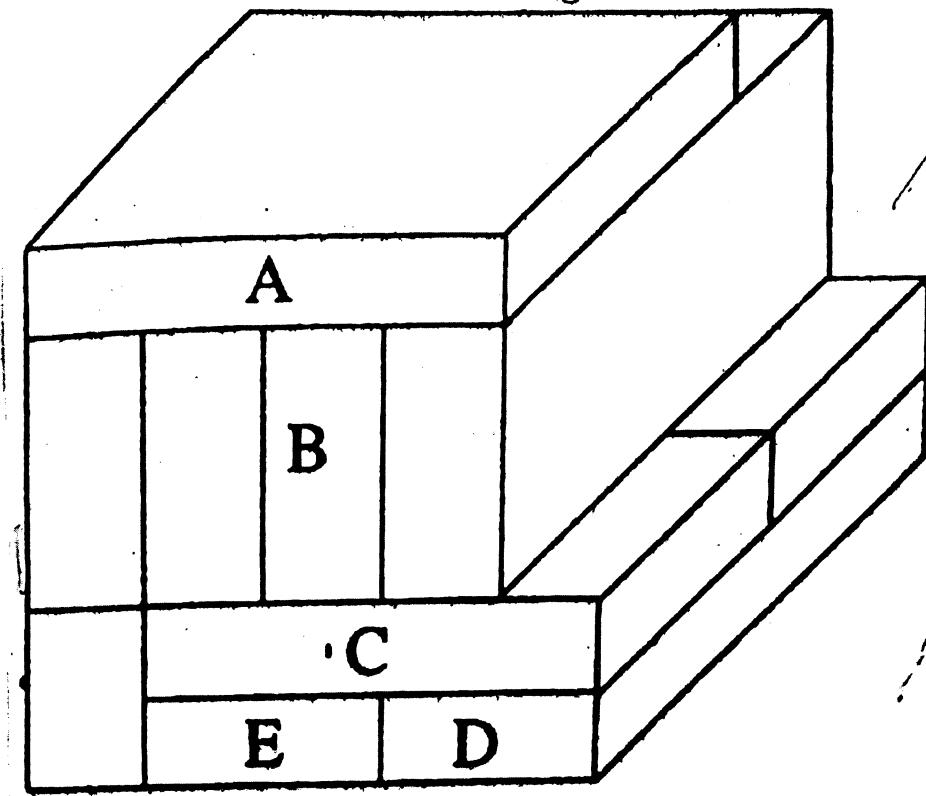
(1)

(2)

(3)

(4)

Directions (97-100) Answer the following questions  
on the basis of the diagram given below?



⑦ How many bricks touch brick A?

- (1) 2      (2) 6      (3) 5      (4) 9

⑧ How many bricks touch brick B?

- (1) 2      (2) 4      (3) 5      (4) 6

⑨ How many bricks touch brick C?

- (1) 2      (2) 6      (3) 7      (4) 3

⑩ How many bricks touch brick E?

- (1) 6      (2) 5      (3) 3      (4) 4