

CET-24

Category
A

Total Time : 150 Minutes

Total Marks : 120

SEAT NO.

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INSTRUCTIONS FOR STUDENTS

Please read the following instructions carefully and then answer the questions on OMR answer sheet only.

1. All questions are compulsory.
2. The blank pages are given in this question booklet for rough work.
3. You must have to submit the OMR SHEET to the invigilator upon completion of the examination.
4. Please do not mark anything against the options A, B, C, D, in the question booklet.
5. Please carefully read OMR and Hall ticket instructions.
6. It is compulsory to write the category (A, B, C, D, E) on the OMR SHEET which is given at the top corner of the question paper.

SPACE FOR ROUGH WORK

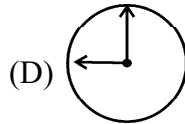
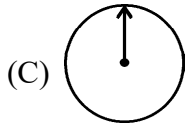
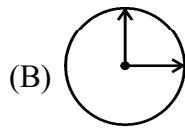
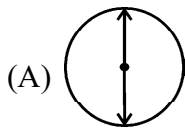
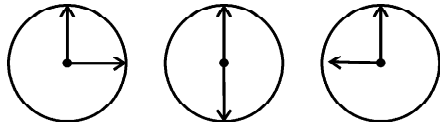
(1) Which number will be there at the fourth place in the pattern? 101, 1001, 10001,

- (A) 10001 (B) 100001
(C) 1000001 (D) 1001

(2) If $1 + 3 = 5$, $2 + 4 = 7$ and $3 + 5 = 9$ then $5 + 6 = \dots\dots\dots$

- (A) 12 (B) 11
(C) 13 (D) 14

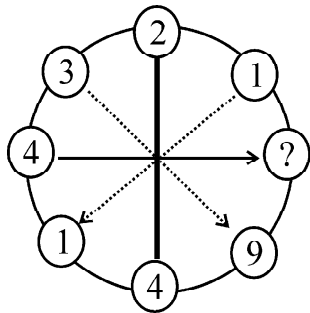
(3) Which figure will be fourth one in the following?



(4) 7, 10, 8, 11, 9, 12,

- (A) 7 (B) 10 (C) 12 (D) 13

(5) Which number will be there at the place of “?”



- (A) 8 (B) 16 (C) 5 (D) 7

(6) 10, 16, 22, 28, 34,

- (A) 38 (B) 39 (C) 40 (D) 42

(7) Which of the following will be the mirror image of word ‘DOG’?

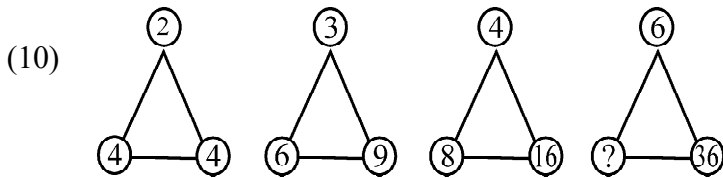
- (A) GOD (B) DOG (C) GOD (D) GOD

(8) If $\frac{1}{4} = \frac{1}{2}$ and $\frac{1}{2} = 1$ then $1 = \dots\dots\dots$

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

(9) In the following pattern which rule is applied?
425, 450, 475, 500

- (A) Continuous addition of 20 in the numbers
- (B) Continuous addition of 10 in the numbers
- (C) Continuous addition of 5 in the numbers
- (D) Continuous addition of 25 in the numbers



Which number will be there at the place of ‘?’

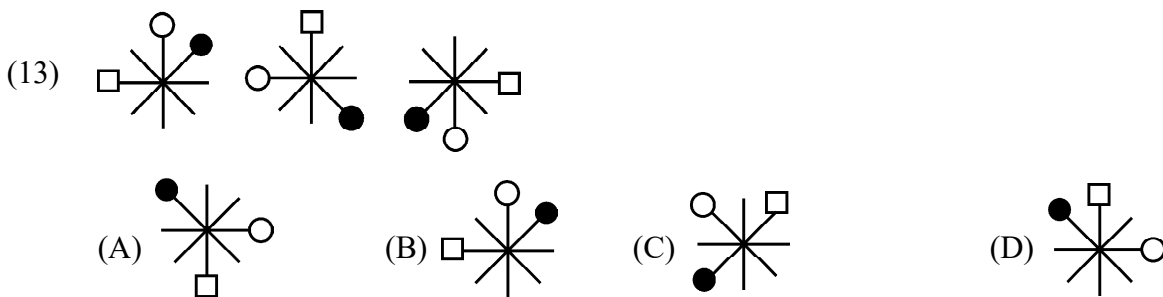
- (A) 10
- (B) 5
- (C) 12
- (D) 14

(11) If 5137 is given code GIVE and 924 is given code BAT then what will be the code of GATE?
(A) 5247 (B) 5427 (C) 4572 (D) 2547

(12) What will be there at the place of ‘.....’ ?

ક્રમ, ૨૧૪૬, ૨૬૭,

- (A) ૩૪૪
- (B) ૪૪૩
- (C) ૬૪૪
- (D) ૪૪૬



(14) Jaival wants to keep ₹ 50 at the first date of each month in his cash box. If he starts from June then how much money he will be having by the end of October?

- (A) ₹ 150
- (B) ₹ 250
- (C) ₹ 200
- (D) ₹ 300

(15) Which one of the following is correct?

- (A) $0 \times 5 = 0$
- (B) $5 \times 0 = 5$
- (C) $1 \times 5 = 1$
- (D) $0 \times 4 = 4$

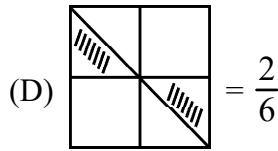
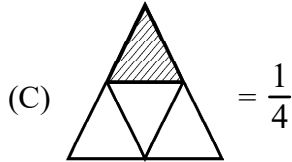
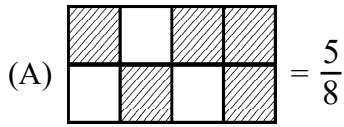
(16) A tailor has to attach 6 buttons on a shirt. How many buttons he will require if he wants to attach them on 15 shirts?

- (A) 48
- (B) 90
- (C) 21
- (D) 60

- (17) 5, 6, 8, 11, 15, 20,?..... (Complete the series.)
 (A) 26 (B) 25 (C) 27 (D) 24
- (18) Which month is different from the rest of three?
 (A) January (B) April (C) June (D) September
- (19) Mass : Gram :: Liquid : ?
 (A) Litre (B) Millilitre (C) Centimetre (D) Kilogram
- (20) There are 35 students in a class in a school. In a program a teacher distributes 3 chocolates to each student. After distribution 2 chocolates remain. How many chocolates the teacher had before distribution?
 (A) 105 (B) 104 (C) 107 (D) 106
- (21) In the following group of coins which group indicates highest value?
 (A) 3 coins of 20 rupees. (B) 5 coins of 10 rupees
 (C) 7 coins of 5 rupees (D) 15 coins of 2 rupees
- (22) From the following what will be the number formed by five thousand and half of one thousand?
 (A) 5050 (B) 5500 (C) $5000 + \frac{1}{2}$ (D) 5550
- (23) How much land a rectangle of 80 metre length and 10 metre width can occupy?
 (A) 800 square metre (B) 80 square metre
 (C) 400 square metre (D) 60 square metre
- (24) 'Pie chart' means _____
 (A) Linear diagram (B) Family tree
 (C) Perpendicular diagram (D) Circular diagram
- (25) Sum of place values of 5 and 7 in 7956 will be ?
 (A) 7050 (B) 7005 (C) 7500 (D) 5007
- (26) Which season comes after pre-winter season?
 (A) Spring (B) Winter (C) Summer (D) Hot
- (27) A tractor is moving with a speed of 20 Km/hr. It will take _____ to complete the distance of 110 Km.
 (A) 3 hours 50 minutes (B) 3 hours 45 minutes
 (C) 5 hours 30 minutes (D) 5 hours 15 minutes

- (28) There are total two lakh vehicles in the Mani Nagar extension of Ahemdabad. Fourth part of these vehicles is 2 wheelers. Total number of these 2 wheelers will be?
 (A) 35,000 (B) 60,000 (C) 50,000 (D) 24,500
- (29) On subtracting smallest number of four digits from the largest number of four digits we will get _____.
 (A) 8999 (B) 8899 (C) 8998 (D) 8989
- (30) Which is the most ancient surviving town of Gujarat?
 (A) Dwarka (B) Vadnagar (C) Junagadh (D) Bhuj
- (31) 15 sapodillas can be stored in a box so how many sapodillas can be stored in such 20 boxes?
 (A) 150 (B) 200 (C) 250 (D) 300
- (32) A cart covers the distance of 4 Km in an hour then how much time it will take to cover the distance of 30 km?
 (A) 4 hours (B) 5 hours 30 minutes
 (C) 7 hours 30 minutes (D) 8 hours
- (33) What will be the cost of 1 Kg raw mangoes if cost of one box containing 8 Kg raw mangoes is 1200 rupees?
 (A) ₹ 120 (B) ₹ 140 (C) ₹ 150 (D) ₹ 200
- (34) Juice extracted from an orange is $\frac{3}{5}$ part of its weight. How much juice can be extracted from such 10000 Kg oranges?
 (A) 7000 Kg (B) 6000 Kg (C) 5000 Kg (D) 4000 Kg
- (35) Which of the following is not a right angle ?
 (A) Any corner of a TV
 (B) An angle formed between both the opened jaws of a crocodile
 (C) Any one corner of your book
 (D) Any one corner of a matchbox
- (36) At which of the following time minute and hour hands of a watch will make a right angle?
 (A) 9 o'clock (B) 2 o'clock (C) 4 o'clock (D) 6 o'clock
- (37) Area of which of the following will be minimum from the rest of three?
 (A) A page of mathematics book (B) A bedsheet
 (C) A 500 rupees note (D) Footprints of an elephant
- (38) How much part saffron colour occupies in national flag of India?
 (A) Half (B) Third part (C) Fourth part (D) Fifth Part

(39) Which of the following indicates incorrect information?



(40) Which of the following is not factor of 52?

- (A) 1 (B) 2 (C) 3 (D) 13

(41) Price of one banana is ₹ 3.50 so what is the price of 5 bananas?

- (A) ₹ 15 (B) ₹ 15.50 (C) ₹ 17.50 (D) ₹ 18

(42) 2 metre and 5 centimetre is equal to how many metres?

- (A) 2.5 metre (B) 2.05 metre (C) 2.005 metre (D) 1.50 metre

(43) Perimeter of a square shaped board is 400 cm. What will be its area?

- (A) 16000 square centimetre (B) 1600 square centimetre
(C) 1000 square centimetre (D) 1 square metre

(44) If a box can contain as many as 24 books then how many boxes will be needed to keep such 576 books?

- (A) 19 (B) 20 (C) 22 (D) 24

(45) Write four lakhs five hundred sixty seven in digits-

- (A) 4567 (B) 40567 (C) 400567 (D) 4000567

(46) Total number of common factors of 8 and 16 are.

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

(47) What is the angle between hour and minute hands at 8 o'clock?



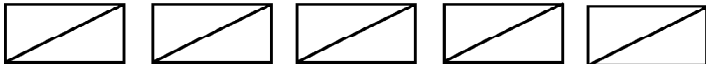

- (A) Simple angle (B) Right angle (C) Acute angle (D) Obtuse angle

(48) Decimal form of $\frac{6}{10}$ is –

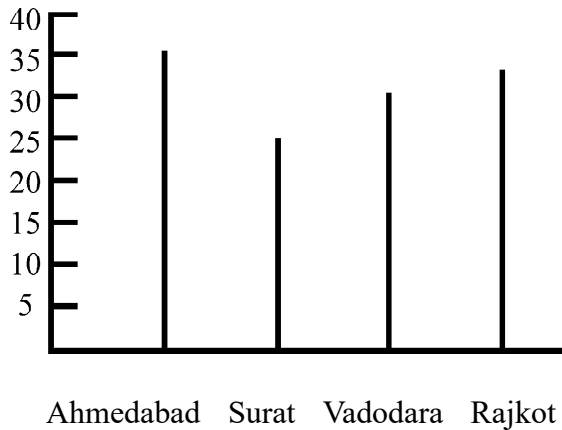
- (A) 10.6 (B) 0.6 (C) 6.0 (D) 0.06

(49) How many angles are formed in alphabet **H**?

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

- (54)  = 5 marble and  = 2 marble then
-   = marbles
- (A) 25 (B) 28
(C) 27 (D) 15

- (55) Temperature °C



Temperature of which city is the lowest ?

- (A) Vadodara (B) Ahmedabad (C) Rajkot (D) Surat
- (56) Length of a rectangle is 10 cm, width 5 cm and height 4 cm then height of this rectangle will be ?
(A) 200 cubic cm (B) 50 cubic cm
(C) 54 cubic cm (D) 200 cm
- (57) There were total 21,000 trees in a forest. After planting new saplings total number of trees is 23520 now. How many total new saplings have been planted?
(A) 3,520 (B) 2,520 (C) 44,520 (D) 4,520
- (58) After making 8 equal parts of a circle all parts have become ____ parts of a circle.
(A) 1 (B) $\frac{8}{1}$ (C) $\frac{1}{8}$ (D) $\frac{1}{2}$
- (59) On rotating half, third, fourth or sixth part of which shape, the shape always looks same?
(A) Triangle (B) Square (C) Pentagon (D) Circle
- (60) What is the shape of dice used in snake and ladder board game?
(A) Cube (B) Rectangle
(C) Cylindrical (D) Cone

- (61) I feel vibration from ground and so as I hear :
 (A) Mosquito (B) Snake (C) Butterfly (D) Fish
- (62) A stepwell having 3 entrance gates means –
 (A) Nanda (B) Jaya (C) Vijaya (D) Bhadra
- (63) Vishwadha goes to Junagadh city for traveling. Which one of the following places she will visit?
 (A) Rani ki Vav (B) Adi-Kadi Vav
 (C) Kabir Vad (D) Sun Temple
- (64) Which of the following statements is not suitable for Changpa people?
 (A) They live in a cone shaped tent
 (B) Their tents are called Rebo
 (C) World famous pashmina wool is obtained from their special goats.
 (D) They like to live by the rivers.
- (65) Laddakh is also known as _____
 (A) Hot desert (B) Cold desert
 (C) Hilly Desert (D) Dry Desert
- (66) Which is not a quality of leafy vegetables (umbadiyu)?
 (A) Vegetables are roasted on hot coals.
 (B) Vegetables are cooked in earthen pot.
 (C) A lot of vegetables are used in it.
 (D) Bread (Roti) of millet is eaten with it.
- (67) Leaves of which tree are used to preserve the seed of millet?
 (A) Pipal (B) Banyan (C) Neem (D) Mango
- (68) What is the meaning of word 'Torang' of Kuduk Language?
 (A) Town (B) Forest (C) Mountain (D) Cave
- (69) The crop sown in winter is called _____
 (A) Zaid (B) Rabi (C) Kharif (D) Mixed
- (70) If you are facing the sunset, what direction is your right hand?
 (A) North (B) South (C) East (D) West
- (71) Hetviben eats green vegetables, beetroot and amla. Which element in these will be in higher quantity ?
 (A) Iodine (B) Phosphorus (C) Calcium (D) Iron

- (72) Organic farming enhances the _____
 (A) Snake (B) Earthworm (C) Mouse (D) Cat
- (73) Bhoomik bhai wants to live in a houseboat in India. Bhoomik bhai will go to which lake?
 (A) Pampa Lake (B) Mansarovar
 (C) Dal Lake (D) Kankariya Lake
- (74) How can it be diagnosed if Aarohi is suffering from malaria?
 (A) Blood test (B) If she is hungry
 (C) If she is feeling cold (D) If she is getting fever
- (75) Which of the following state is having territorial waters?
 (A) Rajasthan (B) Bihar (C) Odisha (D) Madhya Pradesh
- (76) Bachendri Pal is famous for -
 (A) Climbing mountains (B) Space travel
 (C) A pilot (D) Badminton
- (77) Which type of car will you prefer to manufacture if you want to rest assured about fuel exhaustion issue?
 (A) CNG (B) Diesel (C) Electric (D) Sunlight
- (78) Which sinks when it is raw and swims when it is cooked?
 (A) Lemon (B) An apple (C) Watermelon (D) Papaya
- (79) Which of the following is not true?
 (A) When an ant walks it leaves smell behind.
 (B) Mosquitoes find humans by smell of their bodies.
 (C) Male silkworms can smell female silkworms from distance of many kilometers.
 (D) Dogs can smell other dogs by smell of their sweat.
- (80) What should not be done during earthquake?
 (A) Sitting on a chair or a bench.
 (B) Going in an open field
 (C) Sitting under the table.
 (D) Staying away from electric equipments or wires.
- (81) 'રહેઠાણ' શબ્દ ખોટી રીતે વપરાયો હોય તેવું વાક્ય પસંદ કરો.
 (A) શાહમૃગનું મૂળ રહેઠાણ આફ્રિકા છે.
 (B) ગીરનું જંગલ એટલે સિંહનું રહેઠાણ.
 (C) મોટાભાગના લોકો નોકરી કરવા રહેઠાણમાં જાય છે.
 (D) ઈંડાંમાંથી બચ્ચાં થશે ત્યાં સુધી આ ચકલીબેનનું રહેઠાણ પેલા માળામાં હશે.

- (82) એ ચારેય વ્યક્તિ અંદરોઅંદર ધીમે ધીમે વાતો કરતા હતા. એ ચારેય જણ શું કરતા હતા ?
 (A) સંગ્રહખોરી (B) ગુપચુપ (C) કરકસર (D) ટપલીદાવ
- (83) કૂતરો ભાગ્યો - કૂતરા ભાગ્યા, બિલાડી દોડી - બિલાડીઓ દોડી, બચ્ચું દોડ્યું -
 (A) બચ્ચાં દોડ્યાં (B) બચ્ચા દોડ્યા (C) બચ્ચુ દોડ્યા (D) બચ્ચાં દોડી
- (84) 'કારણ કે'નો યોગ્ય ઉપયોગ થતો હોય તેવું સાચું વાક્ય પસંદ કરો.
 (A) હું શાળામાં મોડો પહોંચ્યો કારણ કે સવારે વહેલો જાગ્યો હતો.
 (B) સાહેબે ટીનુને શાબાશી આપી કારણ કે એણે તોફાન કર્યું હતું.
 (C) મીનુ શાળામાં નથી આવી કારણ એ બીમાર છે.
 (D) શહેર બહુ સ્વચ્છ દેખાય છે કારણ કે ગટર ખુલ્લી છે.
- (85) રાજા આસન પર બેઠા હતા.
 (A) ઊંચું (B) પીળું (C) મોટું (D) નાના
- (86) ચીંકી પીંકી બંને સાથે રમવા ગયા છે.
 (A) અને (B) કે (C) અથવા (D) મેદાન
- (87) ગરમી હતી. રોડ બરાબર તપ્પો હતો.
 (A) મુશળધાર (B) કાળજાળ (C) ગુલાબી (D) મંદ મંદ
- (88) અમારા શિક્ષક રમેશભાઈ છે. સફેદ રંગ બહુ ગમે.
 (A) તે (B) તેમણે (C) તેમને (D) તેણીને
- (89) આજે ૩૦મી માર્ચે પરીક્ષા છે. આવતીકાલે હું ખૂબ આરામ
 (A) કર્યો (B) કરશે (C) કરીશું (D) કરીશ
- (90) ગઈ કાલે અમે મેથીના ગોટા
 (A) ખાધા હતા (B) ખાઈશું (C) ખાવાના છે. (D) ખાઈશ
- (91) નીચેનામાંથી કઈ જોડણી સાચી છે ?
 (A) પપૈયું (B) પપૈયુ (C) પપૈયું (D) પપૈયું
- (92) એક બતકી ચારેય ઈંડાંને લાગી.
 (A) સીવવા (B) સેરવવા (C) સેવવા (D) સીવતા
- (93) હંસ કન્યાએ તેને કહ્યું તે ખૂબ જ સુંદર દેખાય છે.
 (A) અને (B) કે (C) તેથી (D) પણ
- (94) રામે માં લખવાની શરૂઆત કરી.
 (A) કાળગ (B) કળાગ (C) કાગળ (D) કગાળ
- (95) નીચેનામાંથી કયું વાક્ય ખોટું છે.
 (A) સૂર્યોદય સવારે થાય છે.
 (B) સૂર્યાસ્ત સાંજે થાય છે.
 (C) પૂનમની રાત્રે ચંદ્રમા ગોળ થાળી જેવો દેખાય છે.
 (D) અમાસની રાત્રે ચંદ્રમા અર્ધગોળાકાર દેખાય છે.

- (96) એક નાનું વાદળું બોલ્યું : “આ રાત અહીંથી જાય તો અંધારું”
 (A) ખરે (B) ચડે (C) મટે (D) લડે
- (97) કોશેટો શબ્દ નીચેનામાંથી કોની સાથે સંકળાયેલ છે ?
 (A) ગલુડિયું (B) પતંગિયું (C) ખીસકોલી (D) મગર
- (98) ‘હૂંફ’ એટલે ?
 (A) ગરમાવો (B) ઉકળાટ (C) બાફ (D) બળતરા
- (99) ટોળામાંના મોટા વાંદરાઓ આખો દિવસ કરે.
 (A) હૂપાહૂપ (B) હુપાહૂપ (C) હૂપાહૂપ (D) હૂપહૂપા
- (100) “રાંધણિયું” એટલે ?
 (A) પ્રયોગશાળા (B) સંગીતનો રૂમ (C) રસોડું (D) ઓરડી
- (101) વિલોમ શબ્દોં કી ગલત જોડ પહચાનિયે ।
 (A) બડા - છોટા (B) સચ - ઝૂટ (C) નેક - બેઈમાન (D) પાસ - સમીપ
- (102) મહેશ ખા રહા હૈ । પ્રશ્નવાક્ય બનાવતી વખતે રેખાંકિત શબ્દની જગ્યાએ કયો વિકલ્પ આવશે ?
 (A) કૈસે (B) કૌન (C) કબ (D) ક્યોં
- (103) લિંગ પરિવર્તન કીજિયે : બાઘ
 (A) બાઘી (B) બઘા (C) બાઘા (D) બાઘિન
- (104) દિયે ગયે વર્ણોં કા ઉપયોગ કરકે કૌન સા શબ્દ નહીં બનેગા ? (ક, મ, પ, લ, ર)
 (A) કમલ (B) કલર (C) પરમ (D) કસમ
- (105) ગલત મુહાવરે કી જોડી પહચાનિયે ।
 (A) નેક રાસ્તે પર ચલના - ગલત રાસ્તે પર ચલના
 (B) ઊંચે ચઢના - ઝનતિ કરના
 (C) કોમલ ભાવ બહાના - સુન્દર વિચાર પ્રગટ કરના
 (D) શીશ ઝુકાના - વિનમ્ર હોના
- (106) વિશેષણ પહચાનિયે । ગિલાસ મેં થોડા દૂધ હૈ ।
 (A) ગિલાસ (B) દૂધ (C) થોડા (D) મેં
- (107) દિયે ગયે શબ્દોં મેં સે ગલત જોડી પહચાનિયે ।
 (A) કમી - અભાવ (B) સદરી - જાકર
 (C) છિલકા - ફલ આદિ કા આવરણ (D) અપરાધ - ઉપહાર
- (108) વચન બદલિયે : કેલા
 (A) કેલિયા (B) કેલૈયા (C) કેલે (D) કેલ
- (109) ૪૩ કે લિયે સહી શબ્દ હૈ.....
 (A) તેતાલીસ (B) તૈતાલીસ
 (C) તૈતાલીસ (D) તેંતાલીસ

- (110) 'आँखों का तारा बनना' का अर्थ.....
 (A) तारा बनना (B) आँखों में समाना
 (C) बहुत प्यारा बनना (D) आँखों में चमकना
- (111) Plural of ox is
 (A) oxes (B) oxs (C) oxan (D) oxen
- (112) Payal is a rangoli.
 Select a proper verb form.
 (A) make (B) making (C) made (D) makes
- (113) Played Cricket Priya Yesterday
 1 2 3 4
 Select correct order to make a meaningful sentence.
 (A) 2134 (B) 3412 (C) 3124 (D) 2314
- (114) Select the correct spelling.
 (A) Cylinder (B) Cilynder (C) Celinder (D) Cilender
- (115) The class is clean. Select opposite for the underlined word.
 (A) dirty (B) weak (C) ugly (D) bad
- (116) This is a knife. Select correct plural sentence.
 (A) This are knives. (B) These are knives.
 (C) These are knives. (D) This are knives.
- (117) Railway Station शब्दना भूषाक्षर परथी नीचेनामांथी कयो शब्द अनतो नथी ?
 (A) List (B) Rain (C) Stop (D) Toy
- (118) Last Sunday I the zoo.
 (A) visited (B) visiting (C) visit (D) visits
- (119) योग्य पदक्रमवाणुं वाक्य पसंद करो.
 (A) Mayur / climbing / is / a tree (B) a tree / is / Mayur / Climbing
 (C) Climbing / a tree / Mayur / is (D) Mayur / is / Climbing / a tree
- (120) There are four shops the shopping centre.
 (A) on (B) in (C) with (D) of



SPACE FOR ROUGH WORK

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પરીક્ષા પૂરી થયાબાદ OMR શીટ ખંડ નિરીક્ષકને પરત કર્યા બાદ જ પરીક્ષા ખંડ છોડવાનો રહેશે. તેમ કરવામાં કસૂર થયેથી શિસ્તભંગના પગલા લઈ પરીક્ષા માટે જે તે ઉમેદવારને ગેરલાયક ઠેરવવામાં આવશે.