

GSSY

SET

A

Total Time : 150 Minutes

Total Marks : 120

SEAT No.

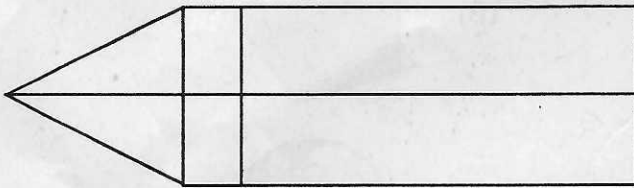
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INSTRUCTIONS FOR STUDENTS

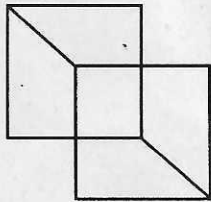
Please read the following instructions carefully and then answer the questions on OMR answer sheet only

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 also carefully read OMR and Hall ticket instructions.
6. Please mention, the category of this question paper (A, B, C), as mentioned in upper corner of question paper in OMR sheet.

- (1) Moon : Satellite : : Earth :
- (A) Sun (B) Planet
(C) Solar System (D) Minor Planet
- (2) Candle : Wax : : : Tree
- (A) Silk (B) Honey
(C) Paper (D) Electricity
- (3) Gandhinagar : Gujarat : : : Maharashtra
- (A) Pune (B) Nagpur
(C) Mumbai (D) Allahabad
- (4) Engineer : Machine : : Doctor :
- (A) Hospital (B) Body
(C) Disease (D) Medicine
- (5) How many rectangles are there in the figure below ?



- (A) 8 (B) 9
(C) 10 (D) 12
- (6) Which of the following option is different from others ?
- (A) Patan : Rani ki Vav (Stepwell) (B) Ahmedabad : Kankariya Lake
(C) Gandhinagar : Dandi Kutir (D) Vadnagar : Kirti Mandir
- (7) How many squares are found in the given figure ?



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

(8) Complete the following number series.

1, 3, 7, 13,, 31, 43

(A) 21

(B) 20

(C) 19

(D) 18

(9) Complete the following series.

ZA, YB, XC,

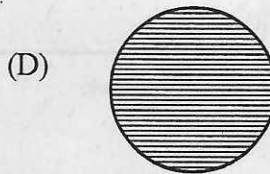
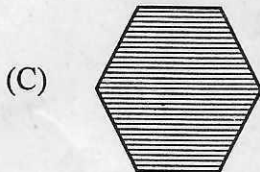
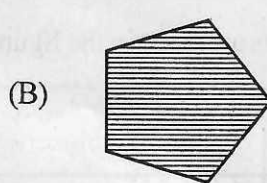
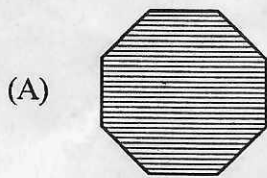
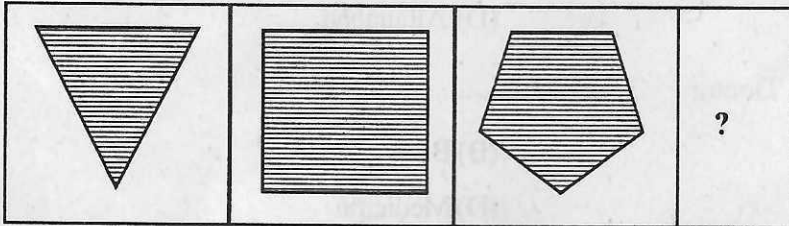
(A) WD

(B) VE

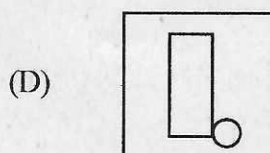
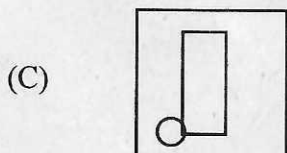
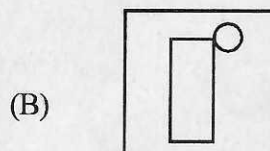
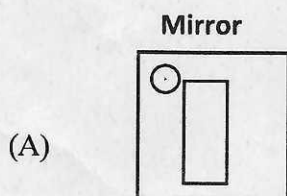
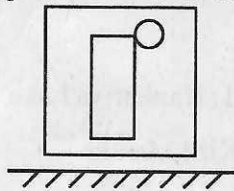
(C) EW

(D) DW

(10) Which of the following figure comes in the blank space ?

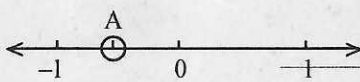


(11) What figure will be seen when looking at the given figure in the mirror given below it ?



- (12) If hand is the part of the body then is the part of flower.
 (A) Leaf (B) Lotus
 (C) Root (D) Corolla
- (13) As evening is a part of night, autumn is a part of
 (A) Rainy season (B) Spring
 (C) Summer (D) Winter
- (14) Among the four overhead lights on the cross road, the green light indicates
 (A) Colour (B) Light
 (C) To Stop (D) To Proceed
- (15) Nineteen (19) : Thirteen (13) : : Twenty eight (28) :
 (A) 20 - Twenty (B) 22 - Twenty two
 (C) 23 - Twenty three (D) 19 - Nineteen
- (16) Monday : Saturday : : Thursday :
 (A) Friday (B) Wednesday (C) Sunday (D) Tuesday
- (17) Which of the following colour is not found in Rainbow ?
 (A) Violet (B) Yellow (C) Red (D) Black
- (18) Which star is visible during the day ?
 (A) Moon (B) Mars (C) Sun (D) Venus
- (19) Which of the following organ is different from others?
 (A) Ear (B) Kidney (C) Lungs (D) Liver
- (20) Which of the following option is different from others?
 (A) Paper (B) Pen (C) Pencil (D) Ink
- (21) Which of the following option is different from others?
 (A) Fog (B) Mist (C) Rain (D) Cloud
- (22) Which of the following vegetable is different from other vegetables ?
 (A) Carrot (B) Ginger (C) Potato (D) Tomato
- (23) From which of the following agricultural product, oil can be obtained ?
 (A) Millet (B) Mustard (C) Sorghum (D) Wheat
- (24) Which of the following number is the smallest ?
 (A) $\frac{1}{4}$ (B) $\frac{1}{3}$ (C) $\frac{1}{5}$ (D) $\frac{1}{2}$

- (25) Which of the following number is the greatest ?
 (A) 0.1 (B) 0.01 (C) 0.001 (D) 0.0001
- (26) The measure of the angle between the two hands of a clock at three o'clock is ?
 (A) 30° (B) 90° (C) 180° (D) 60°
- (27) 1 litre = ml.
 (A) 10 (B) 100
 (C) 1,000 (D) 10,000
- (28) Which angle lies there between North and East direction ?
 (A) Aagneya (B) Ishaanya
 (C) Nairutya (D) Vayavya
- (29) Among which of the following, line segment is not included ?
 (A) Line (B) Triangle
 (C) Square (D) Circle
- (30) Fill in the blank. 8, 27, 64, 125,
 (A) 216 (B) 225 (C) 343 (D) 294.
- (31) As the Circle has circumference, the Square has
 (A) Area (B) Volume
 (C) Perimeter (D) Diagonal
- (32) Which of the following option is correct when word 'CAMLE' is arranged in an alphabetical order?
 (A) ACEML (B) ACELM
 (C) ACLEM (D) ACLME
- (33) In one line, Prerna is 17th from the right and 25th from the left. How many students are there in the line ?
 (A) 42 (B) 41 (C) 40 (D) 43
- (34) Which of the item has more weight - 1 Kg Iron or 1 kg Cotton
 (A) Iron (B) Cotton
 (C) Cotton is half weight than Iron (D) Both are equal
- (35) Zarna is shorter than Kavya. Prerna is shorter than Kavya. Who among the three is the tallest ?
 (A) Kavya (B) Prerna (C) Zarna (D) None of the above

- (36) Which of the following is different from others?
 (A) January (B) March (C) August (D) April
- (37) How many thousands make a Crore ?
 (A) 1,000 (B) 100 (C) 10,000 (D) 1,00,000
- (38) How many times the bamboo of 20 mtr length be cut to make 5 equal pieces of 4 – 4 mtr length?
 (A) 5 (B) 4 (C) 3 (D) 6
- (39) As the sick person needs medicines, in famine condition is needed.
 (A) Air (B) Light (C) Rain (D) Land
- (40) Letters combine to form a word then words combine to form
 (A) Paragraph (B) Sentence
 (C) Curriculum (D) Essay
- (41) Find the square root of 10.24.
 (A) 10 (B) 24 (C) 32 (D) 3.2
- (42) There are 25 % girls in 8th Std class of 48 students. Find the number of boys in a class.
 (A) 36 (B) 25 (C) 23 (D) 12
- (43) $a \times (-3b) \times 5c \times ab = \dots\dots\dots$
 (A) $15a^2b^2c$ (B) $15abc$
 (C) $-15a^2b^2c$ (D) $-15ab^2c$
- (44)  Which rational number, labelled as A, is represented on the number line?
 (A) $\frac{-3}{2}$ (B) $\frac{3}{2}$ (C) $\frac{-1}{2}$ (D) $\frac{1}{2}$
- (45) Describe 0.000000621 in standard form
 (A) 6.21×10^{-7} (B) 6.21×10^7
 (C) 6.21×10^{-6} (D) 6.21×10^6
- (46) If 12 employees can complete one task in 15 days, then how many days are required to complete the same task with 18 employees ?
 (A) 18 (B) 15 (C) 12 (D) 10
- (47) The form of Rational numbers is, where $\frac{p}{q}$, then which type of numbers p & q are ?
 (A) p & q are natural numbers (B) p & q are whole number
 (C) p & q are integers (D) p & q are irrational numbers

- (48) What is the highest power of the variable in linear equation ?
 (A) 0 (B) 1 (C) 2 (D) -1
- (49) If $5x + 9 = 5 + 3x$ then find x .
 (A) -7 (B) 7 (C) 2 (D) -2
- (50) If only one pair of opposite sides is parallel in Quadrilateral, then such type of quadrilateral is
 (A) Rhombus (B) Trapezium (C) Parallelogram (D) Rectangle
- (51) If the information of the average marks of students in various subjects in the year 2020 - 2021 & 2021 - 2022 is given, then Which type of graph will you prepare?
 (A) Bar Graph (B) A Pictograph
 (C) Double Bar Graph (D) Pie chart
- (52) If the area of a square is 144 cm^2 , then what will be the length of a side of that square ?
 (A) 12 cm (B) 16 cm (C) 14 cm (D) 18 cm
- (53) What is the cube of 17 ?
 (A) 4096 (B) 5832 (C) 4913 (D) 3375
- (54) Find the product of $(x + 7y)$ and $(7x - y)$
 (A) $7x^2 + 48xy - 7y^2$ (B) $7x^2 - 48xy - 7y^2$
 (C) $7x^2 - 48xy + 7y^2$ (D) $7x^2 + 48xy + 7y^2$
- (55) Which formula is used to find the surface area of a Cuboid?
 (A) $2(lb + bl + hl)$ (B) $2(lbh)$
 (C) $2(l + b + h)$ (D) $2(lb + bh + hl)$
- (56) Find the factors of $49x^2 - 36$.
 (A) $(7x - 6)(7x + 6)$ (B) $(7x^2 - 6)(7x - 6)$
 (C) $(7x + 6)(7x + 6)$ (D) $(7x^2 - 6)(7x^2 + 6)$
- (57) What is the inverse number of $-2\frac{1}{7}$?
 (A) $\frac{1}{15}$ (B) $\frac{15}{7}$ (C) $\frac{-7}{15}$ (D) $\frac{-15}{7}$
- (58) If $7x + \frac{5}{2} = \frac{3x}{2} - 14$, then $x = \dots\dots\dots$
 (A) -3 (B) 3 (C) $\frac{23}{11}$ (D) $\frac{-23}{11}$

- (59) The printed price of an item is Rs. 900. The selling price of it is Rs. 738. What will be the discount rate ?
(A) 9 % (B) 12 % (C) 16 % (D) 18 %
- (60) The value of $\left(\frac{3}{5}\right)^{-2}$ is
- (A) $\frac{9}{5}$ (B) $\frac{25}{3}$ (C) $\frac{25}{9}$ (D) $\frac{9}{25}$
- (61) Which of the following statement is correct for Synthetic fertilizer ?
(A) It is an organic salt by which soil gets organic substances.
(B) It is an inorganic salt by which soil does not get organic substances.
(C) It is an organic salt by which soil does not get organic substances.
(D) It is an inorganic salt by which soil gets organic substances.
- (62) Which of the following active non-metallic stored in water?
(A) Sodium (B) Copper (C) Sulphur (D) Phosphorus
- (63) Which of the following Gas is responsible for global warming the most?
(A) Argon (B) Crypton (C) Oxygen (D) Carbon Dioxide
- (64) Which gland is responsible for Diabetes ?
(A) Pituitary gland (B) Pancreas
(C) Thyroid gland (D) Adrenal gland
- (65) Which metal is used for plating bath taps and bicycle handlebars ?
(A) Chromium (B) Tin (C) Copper (D) Iron
- (66) Which of the following part of the eye regulates the amount of light entering the eye?
(A) Pupil (B) Iris (C) Cornea (D) Retina
- (67) What is 'Kyoto Protocol' ?
(A) Agreement of water purification
(B) Agreement to reduce green house gases emissions
(C) Agreement to prohibit firing crackers in public places
(D) Agreement to prohibit use of plastic bags
- (68) Which of the following is not the example of winter crops ?
(A) Chickpea (B) Peas (C) Soyabean (D) Flax
- (69) From which the Naphthalene balls are made ?
(A) Coal (B) Coke (C) Coal gas (D) Coal tar

- (70) Which book contains the record of endangered plants and animals ?
 (A) Red book (B) Red warning book
 (C) Red animal book (D) Red data book
- (71) 'Reproduction occurs by budding.' Which of the following option is correct for this statement?
 (A) Hydra (B) Amoeba (C) Paramecium (D) Spirogyra
- (72) Which of the following gland regulates production of various hormones?
 (A) Thyroid gland (B) Adrenal gland (C) Pancreas (D) Pituitary gland
- (73) The normal hearing frequency range of a healthy young person is
 (A) 20 Hz to 15000 Hz (B) 20 Hz to 2000 Hz
 (C) 20 Hz to 20000 Hz (D) 20 Hz to 10000 Hz
- (74) Which of the following instrument is made by using the principle of Multiple reflection ?
 (A) Telescope (B) Kaleidoscope (C) Microscope (D) Binocular
- (75) Which among the following helps in Nitrogen fixation in Leguminous Plants ?
 (A) Rhizobium (B) Amoeba (C) Yeast (D) Plasmodium
- (76) Which of the following is not the characteristics of Metal?
 (A) They are silvery shine (B) Metals are ductile
 (C) Metals are sonorous (D) Metals are non - conductor of heat and electricity
- (77) Thread like structure in Nucleus is known as
 (A) Cytoplasm (B) Chromosomes
 (C) Plasma membrane (D) Chloroplast
- (78) We can make surface to increase its friction.
 (A) Smooth (B) Rough (C) Oily (D) Wet
- (79) Iron used in bridge and vehicles is coated with what ?
 (A) Zinc (B) Chromium (C) Tin (D) Silver
- (80) Rainbow is a Natural phenomena showing
 (A) Reflection of light (B) Refraction of light
 (C) Diffraction (D) Division of light
- (81) Natural resources are real wealth of Nation. Which of the following is considered as Lifeline of the nation ?
 (A) Forests (B) Rivers (C) Minerals (D) Wildlife

- (82) On which of the following subjects does the Lok Sabha make laws?
(A) State list (B) Union list
(C) List of Lok Sabha (D) List of Rajya Sabha
- (83) If you are living in the state which is divided on the basis of first language of India, then you are living in which of the following state ?
(A) Kerala (B) Andhra Pradesh (C) Gujarat (D) Assam
- (84) Which of the following statement is true for Dandi March?
(A) It was held to protest against the steep tax levied on salt.
(B) The March was 370 Km starting from Ahmedabad to Dandi.
(C) Abbas Taiyabji took leadership of Dandi March after Gandhiji got arrested.
(D) All of the above
- (85) You are passing through Vadodara and Bharuch district. If you find Cotton crops then which type of the land is there ?
(A) Black (B) Red (C) Sandy land (D) Goradu land
- (86) Who appoints Ambassadors in America?
(A) President (B) Prime Minister (C) Governor (D) Vice President
- (87) Which was the capital of Portuguese in India?
(A) Daman (B) Diu (C) Goa (D) Dadra Nagar Haveli
- (88) Who established the schools providing western education ?
(A) Lord Curzon (B) Alexander Duff (C) Mughals (D) William Carey
- (89) A Biosphere where living organisms interact with each other and sustain their life is called
(A) Life system (B) Distributive system
(C) Citation system (D) Ecosystem
- (90) Where is lignite coal obtained from ?
(A) Gujarat (B) Mizoram (C) Goa (D) Tamilnadu
- (91) How many seats are allotted to Gujarat in Rajya Sabha (Council of States) ?
(A) 10 (B) 11 (C) 12 (D) 15
- (92) Ulgulan movement was led by
(A) Birsa Munda (B) Gandhiji
(C) Jawaharlal Nehru (D) Dayanand Saraswati

- (93) Which of the following pair is not correct?
- (1) Savarkar – Mitramela
 (2) Shyamji Krishna Varma – India House
 (3) Lokmanya Tilak – Kesari
 (4) Lala Lajpatrai – New India
- (A) 1 (B) 2 (C) 3 (D) 4
- (94) Arrange the following events in its chronological order.
- (1) Dandi March
 (2) Champaran Satyagrah
 (3) Quit India movement
 (4) Non-Cooperation movement
- (A) 2 – 4 – 1 – 3 (B) 4 – 2 – 1 – 3
 (C) 1 – 3 – 2 – 4 (D) 1 – 2 – 3 – 4
- (95) Which of the following option is not correct for Indian Constitution ?
- (1) Constitution starts with Preamble.
 (2) It is the longest written constitution in the world
 (3) It came into force on 26th January, 1947
 (4) There are 8 fundamental rights
- (A) Only-3 (B) Only-4
 (C) 3 and 4 (D) 1, 3 and 4
- (96) સંસ્થા તરફથી દાતાઓનું સન્માન કરાયું. - આ વાક્ય નીચે પૈકી કયા પ્રયોગનું છે ?
- (A) ભાવે (B) કર્તારિ (C) કર્મણિ (D) પ્રેરક
- (97) 'પુત્રૈષણા'ની સંધિ છૂટી પાડો.
- (A) પુત્ર + એષણા (B) પુત્રૈ + ષણા
 (C) પુત્ર + ઐષણા (D) પુત્રે + ષણા
- (98) પડદો ખૂલ્યો પણ નાટક ભજવાયું નહીં - કયા પ્રકારનું વિધાન છે ?
- (A) સાદું વિધાન (B) સંયુક્ત વિધાન
 (C) સંકુલ વિધાન (D) સાદું અને સંકુલ
- (99) નીચે આપેલા મૂળાક્ષર પૈકી કયો મૂળાક્ષર સ્વર છે ?
- (A) દ (B) ઈ (C) મ (D) ધ
- (100) વિશાલે પોતાની રજાચિકીમાં લખ્યું કે 'હું હિમાલયમાં ફરવા જવાની હોવાથી શાળામાં આવીશ નહિ.' આ વાક્યમાં ભૂલ ક્યાં છે ?
- (A) હું હિમાલયમાં (B) ફરવા જવાની
 (C) હોવાથી શાળામાં (D) આવીશ નહિ.

- (101) સાચી જોડણી ધરાવતો શબ્દ શોધો.
 (A) આગંતુક (B) પ્રતિતિ (C) વ્યક્તી (D) ભીક્ષુક
- (102) 'વર્ષો પહેલાં ખોવાયેલી નાનીબહેન શાંતાને જોઈને મણિબહેનની આંખમાં હરખનાં આંસુ આવ્યાં.' આ વાક્ય શું દર્શાવે છે ?
 (A) મણિબહેનની નાની બહેન શાંતા હવે પાછી નહિ આવે.
 (B) ઘણા સમય પછી શાંતાને જોઈને મણિબહેન બહુ ખુશ થઈ ગયાં.
 (C) હવે પછી શાંતા કદી જોવા નહિ મળે તેથી મણિબહેન દુખી થઈ ગયાં.
 (D) શાંતાબેન ખોવાઈ ગયાં એવું જાણીને મણિબહેન બહુ દુખી થયાં.
- (103) 'ધોળા દૂધ જેવા ગણવેશમાં નદી કિનારે ચાલતા વિદ્યાર્થીઓ બગલાની હરોળ જેવા લગતા હતા.' આ વાક્ય પરથી શું કહી શકાય ?
 (A) વિદ્યાર્થીઓએ સફેદ કપડાં પહેર્યાં હતાં.
 (B) વિદ્યાર્થીઓની નજર બગલા જેવી ચાલાક હતી.
 (C) વિદ્યાર્થીઓની ચાલવાની રીત બતક જેવી હતી.
 (D) વિદ્યાર્થીઓ બગલાની જેમ નદીમાંથીમાછલી પકડવા તૈયાર થતા હતા.
- (104) સાચું વાક્ય પસંદ કરો.
 (A) અહીં ગંદકી કરવી નહીં. (B) અહીં ગંદકી કરવી નહીં.
 (C) અહીં ગંદકી કરવી નહીં. (D) અહીં ગંદકી કરવી નહિ.
- (105) 'રાધાકૃષ્ણ' - એ કયો સમાસ છે ?
 (A) મધ્યમપદ લોપી સમાસ (B) બહુવ્રીહી સમાસ
 (C) દ્વંદ્વ સમાસ (D) અવ્યયી સમાસ
- (106) Choose the word nearest in meaning to the underlined words.
 We should not throw away plastic bags. We should find out ways to use them in different forms to make different things from them
 (A) recycle (B) return (C) refine (D) reform
- (107) Find the true sentence :
 (A) Teacher did inform children about the Gyan Sadhna examination.
 (B) Teacher does informed children about the Gyan Sadhna examination.
 (C) Teacher did informed children about the Gyan Sadhna examination.
 (D) Teacher done informed children about the Gyan Sadhna examination.
- (108) I hope you are coming for picnic,
- (A) are you ? (B) aren't you ?
 (C) will you ? (D) you are.
- (109) are you going to the zoo ?
 (A) Where (B) When
 (C) What (D) Whose

- (110) 'We fly kites on Kite-Flying Day.' How this sentence be presented otherwise, without changing the meaning ?
 (A) On Kite-Flying Day we fly kites (B) We are flying kites on Kite Flying Day
 (C) Kites are flew by on Kite Flying Day (D) Kites are flown by us on Kite Flying Day
- (111) Select the correct spelling.
 (A) science (B) since (C) saince (D) ssince
- (112) The sky is very cloudy. It today.
 (A) should not rain (B) may rain (C) may not rain (D) rains
- (113) How many weeks there in a year ?
 (A) am (B) is (C) do (D) are
- (114) Vivek goes to Ahmedabad he wants to visit the Science city.
 (A) but (B) therefore (C) because (D) for
- (115) You should not garbage on the road.
 (A) throws (B) throw (C) threw (D) thrown
- (116) 'सम्राट' शब्द का स्त्रीलिंग पहचानिए।
 (A) संन्यासी (B) साम्राज्ञी (C) विदुषी (D) कुमारी
- (117) कर्मयोगी लाल बहादुर शास्त्री इकाई के लेखक कौन है ?
 (A) डॉ. हरेश धोलकिया (B) शंकरदयाल शर्मा
 (C) विनय महाजन (D) शिवमंगल सिंह
- (118) निम्नलिखित शब्दों में से सर्वनाम पहचानिए।
 (A) वे (B) सुंदर (C) उदार (D) बैर
- (119) 'बख्शीश' शब्द का समानार्थी शब्द कौन सा नहीं है ?
 (A) भेंट (B) मदद (C) ईनाम (D) उपहार
- (120) 'शान' शब्द का समानार्थी शब्द क्या है ?
 (A) भान (B) बुद्धिशाली (C) शानदार (D) गौरव

