**SATISH CHANDRA MEMORIAL SCHOOL**

METRER SAMPLE QUESTION PAPER 2019

CLASS- III

**REASONING :( 40 marks)**

1. $Coding Decoding$
2. $Number Puzzle$
3. $Blood Relation $
4. $Mathematical Operation$s
5. $Mirror Image$
6. $Series Completion$
7. $Analogy$

 **SECTION-A (100 question)**

 1. In a certain code language PAST is written as QBTU then PRESENT is written as:

 a)QSETFMU b)QSFTFOU c)OQDSFOU d) PRTSENT

 2. In a certain code language WINTER written as VHMSDQ then SUMMER is written as :

 a) RTLLDQ b)TUNNFS c)STLLDS d) RSLLER

 3. 4, 8, 12, ? , 20

 a)18 b)16 c) 22 d) 19

 4. 3, 4, 6, 9, ? , 18

 a)14 b) 15 c)13 d)12

 5. Wife of your brother is your:

 a) Sister b) Aunt c)Cousin d) Sister-in-law

 6. If 3©9=27, 4©5=20 then 7©6=?

 a) 76 b)67 c)42 d)13

 7. In a certain language 73QS9 is written as 84RT10 then SN174PL is written as:

 a)TO263QL b) TO285QM c)TO286QM d) RM285QL

 8. D, G, J, M, ? , S, V

 a) P b) R c) N d) T

 9. 943, 946, ? , 952

 a)947 b) 948 c) 949 d) 950

 10. 4, 16, 36, ?, 100. 144

 a)50 b)60 c)62 d)64

 11. ab, bc, c\_\_, de, e\_\_, fg, \_h

 a)d,f,g b)f,d,g c)g,f,d d)g,d,f

 12. Husband of your daughter is your

 a)Son b) Husband c) Brother d)Son-in-law

 13. 1,4,9,16, ? ,36,49

 a)20 b)25 c)27 d)32

 14. Teeth : Mouth :: Hair : ?

 a) Face b)Head c) Leg d)Hand

 15. Teacher : Student :: Doctor : ?

 a) Medicine b) Blood c)Patient d) Hospital

 16. If ‘ +’ means × then 4 + 5 + 2=?

 a) 40 b)11 c) 22 d)18

 17. Daughter of your uncle is your

 a) Nephew b) Sister c) Daughter d) Cousin

 18. aabbc\_, aab\_cc, a\_bbcc

 a)b,c,a b) c,b,a c)a,b,c d)c,a,b

 19. India : Rupee :: USA : ?

 a)Taka b) Pound c) Doller d)Rupee

 20. In a certain code language ROAD is written as DAOR then SCHOOL is written as

 a)LOOCHS b) LOOHCS c) LOOSCH d) SCLOOH

1. House :Room :: World : ?
2. Land b)Sun c)Air d) Nations

22. Dark : Evening :: Light : ?

1. Day b)Morning c)Night d)Noon

23.Grass : Green

1. Cloth : Blue b)Milk : White c)Ink : Blue d)Ice : White

24.January : November :: Sunday : ?

1. Tuesday b) Monday c)Friday d)Saturday

25.NUMBER : UNBMRE :: GHOSTS : ?

1. HGOSTS b)HOGSTS c)HGSOST d) HGSOTS

26.If MIND becomes KGLB then, what is DIAGRAM ?

1. GLPEYKB b) BGYEPYK c)LKBGYPK d)BGYPYEK
2. A is D’s only brother. B is D’s father. How is B related to A?
3. Son b)Grandson c)Father d)Uncle
4. What is Grandmother’s daughter’s daughter called?
5. Sister in law b)Grand daughter c)Cannot be determined d)None of these
6. A and B are brothers. What will A’s son call B?
7. Father b)Brother c)Grandfather d)Uncle
8. How is A’s only sister related to A’s father?
9. Brother in law b)Sister in law c)Husband d)Daughter
10. Rohan walks towards North. Then he turns left. What direction is he facing now?
11. East b)West c)North d)South
12. Arun started a journey towards south. Then he turns right. What direction does his back is facing?
13. East b)South c)West d)North
14. A man starts from his office and goes 2 km by bus and 1 km by auto rickshaw to reach his home. What is the total distance between his office and home?
15. 3 km b)4 km c)6 km d)7 km

 In the following questions,arrange the given process in chronological order ( Ques.No34 & 35)

1. 1. Sowing 2.Cotton 3.Cloth 4. Seed
2. 1,2,3,4 b)4,2,3,1 c)4,2,1,3 d)4,3,2,1
3. 1. Study 2. Books 3. Examination 4. Result
4. 2,1,3,4 b)1,2,3,4 c)4,3,2,1 d)3,2,4,1
5. The corner of a hand kerchief is cut. Then tell the number of remaining corners?
6. 3 b)4 c)5 d)6
7. If ten clothes get dry in 10 hrs. Then a cloth will take time in getting dry?
8. 1 hr b)10 hrs c)5 hrs d)20 hrs
9. If you are eleventh in a queue starting either end, how many persons are there in the queue?
10. Eleven b)Twenty c)Twenty one d)Twenty two
11. Three boys are sitting in a bench. If A is sitting in the right of B and C is sitting in the left of B, who is sitting in the middle?
12. None b)B c)A d)C
13. A is shorter than B but taller than C . Who is the tallest person amongst them?
14. B b)C c)A d)None
15. Suresh is heavier to Anil but not as heavy as Raju. Who is the lightest amongst them?
16. Anil b)None c)Raju d)Suresh
17. A is older than B but younger than C. Who is the oldest one?
18. A b)C c)B d)None
19. What will be the next figure? Choose from the given options:

 ?

1. Choose the next figure from the given options:

 ?

1. How many triangles are there in the following figure :

1. 16 b)13 c)9 d)7
2. How many squares are there in the given figure :
3. 17
4. 22
5. 26
6. 30
7. If TAP is coded as SZO, then how will be FREEZE coded?
8. EQDFYG b)ESDFYF c)GQFDYF d)EQDDYD
9. In a certain code, 15789 is written as XTZAL and 2346 is written as NPSU. How is 23549 written in that code?
10. NPTUL b)PNTSL c)NPTSL d)NBTSL
11. If ‘cook’ is called ‘butler’, ’butler’ is called ‘manager’, ‘mamager’ is called ‘teacher’, ‘teacher’ is called ‘clerk’, who will teach in the class?
12. Clerk b)Butler c)Manager d)Teacher
13. If ‘see kee lee’ means ‘juice is sweet’ , which word in that language means ‘sweet’?
14. See b)Kee c)Lee d)Pee
15. In a certain code 786 means ‘study very hard’ . Which of the following is the code for ‘very’ ?
16. 8 b)6 c)7 d)5
17. If D=4 and COVER=63, then BASIC is equal to?
18. 49 b)50 c)34 d)55
19. In a certain code RATIONAL is written as ARITNOLA, how would TRIBAL be written in that code?
20. TRIALB b)RTBILA c)TIRLBA d)TIRABLE
21. In a certain code , BRAIN is written as ©%÷#× and TIER is written as $#+%. How is RENT written in that code?
22. %×#$ b)%#×$ c)+×%$ d) %×$#

In the following questions ( Ques. 55 to 60) choose the appropriate option which matches with the given terms:

1. Race : Tiredness
2. French : Athlete b)Fast : Hunger c)Art : Bug d)Walking : Running
3. Bull : Cow
4. Boy : Girl b)Child : Children c)Ox : Fox d)Cat : dog
5. Court : Justice :: School: ?
6. Teacher b)Student c)Education d)Principal
7. Hot : Oven :: Cold : ?
8. Ice cream b)Air conditioner c)Snow d)Refrigerator
9. 14: 7 :: 18: ?
10. 9 b)13 c)5 d)3
11. 2:4 ::6:?
12. 12 b)8 c)14 d) 18

61. Potato : Carrot :: Radish : ?

a) Tomato b) Spinach c) Sesame d) Groundnut

62. Cobbler : Leather :: Carpenter : ?

a) Furniture b) Wood c) Hammer d) Chair

63. Dress : Tailor :: Carpenter : ?

a) Wood b) Leather c) Furniture d) Cloth

64. AHOP : CKSU :: BJMR : ?

a) EZUQ b) DMQW c) DQKM d)CJMN

65. Smoke : Pollution :: War : ?

a) Peace b) Victory c) Treaty d) Destruction

66. Pleasure : Sorrow :: Right : ?

A) Wrong b) Wonderful c) Happy d) Sure

67. Sitar : Guitar :: Tanpura : ?

a) Trumpet b) Violin c) Harmonium d) Mridanga

68. 63 : 21 :: 27 : ?

a) 6 b) 9 C) 1 d) 3

69. Find the next term in the given patterns (Q. no. 69 – 75)

Aa , Bb , Cc , Dd , Ee, \_\_\_\_\_

a)aB b) Ff c) Gg d) fF

70. ABC , ZYX , DEF , WVU ,\_\_\_\_

a) GHI b) RST c) IHG d) TSR

71. 204 , 305 , 406 , \_\_\_

a) 206 b) 507 c)705 d)304

72. 1Z , 2Y , 3X , 4W , \_\_\_\_

a) 6P b) 5V c) 5U d) 5Y

73. ABC , CDE , EFG ,\_\_\_\_\_

a) GHI b) IJK c) JKL d) HIJ

74. 123 , 234 , 345 , 456 , \_\_\_\_

a) 567 , b) 576 , c) 675 , d) 541

75. AZ , AY, AX , AW , \_\_\_\_

a) AU b) AV , c) AY d) AP

76. Rahul’s mother’s father is ;

a) Grand father b) Grand mother c) Uncle d) Brother

77. Mita’smother’s sister is ;

a) Aunt b) Cousin c) Uncle , d) Daughter

78. Sita’s father’s sister is ;

a) Aunt b) Uncle c) Grandmother d) Mother

79. If ’MEAT’is written as ‘TEAM’ , then ‘BALE’ is written as ;

a) ELAB b) EBLA c) EALB d) BLEA

80. If ‘GIVE’ is written as ‘VIEG’ and ‘OVER’ is written as ‘EVRO’ . How will ‘DISK’ be written in that same code ?

a) SIDK b) KISD c) KDSI d) SIKD

81.If CUP = 40, then KITE = ?

a) 10 b) 20 c) 30 d) 45

82. If ‘DOME’ is written as ‘8943’ and ‘MEAL’ is written as ‘4321’ . What group of letters can be formed for the code ‘38249’ ?

a) EOADM b) MEDOA c) EMDAO d) EDAMO

83. If PALE is coded as 2134 ,EARTH is coded as 41590 , then how is PEARL coded as ?

a) 29530 b) 24153 c) 25413 d) 25430

84. If ‘MOUSE’ is written as ‘PRUQC’ . How is ‘SHIFT’ written in that same code ?

a) VKIRD b) VKIDR c) VJIDR d) VIKRD

85. Find the missing number in the given series

5 , 28 , 57 , 88 , 125

a)147 b) 156 c) 186 d) 166

86. Find the wrong number in the following series

13 , 18 , 25 , 30 , 37 , 40

a)30 b) 25 c) 40 d) 37

87. Coal : Heat :: Wax : ?

a) Energy b) Candle c) Light d) See

88. Train : Passenger :: Aero plane : ?

a)Aeronaut b) Astronaut c) Pilot d) Air hostess

89. B , D , F , I , L , P , ?

a) R b) S c) T d) U

90. Find the missing numbers :-

2 , 15, 41, 80, ?

a)111 b) 120 c) 121 d) 132

91. 1 , 3, 5 , 7, 9, ?

a) 10 b) 11 c) 12 d) 13

92. 2B , 4C , 8E , 14H , ?

a)16K b) 20I c) 20L d) 22L

93. A , C , F , J , ?

a)K b) O c) M d) N

94. BFG , HLM , NRS , ?

a) TWX b) RVW c) TYZ d) TXY

95. In a certain code ‘CLOCK’ is written as ‘XOLXP . How will ‘LOTUS’ be written in that same code ?

a) OGLFH b) OLGFH c) LOGFH d) OLGHF

96. If the code for ‘STABLE’ is 123456 and code for ‘LABOUR’ is 534789 then What will be the code of ‘BOTTLE’ ?

a)472256 b) 472556 c) 472265 d) 475526

97. BCD , BDC , CBD , ? , EQZ

a) CDB b) CCD c) CDE d) DCB

98. What should come next in the following series ?

12345678987654321234567898765432123

a) 5 b) 6 c) 7 d) 4

99. OTE , PUF , QVG , RWH , ?

a) SYJ b) TXI c) SXJ d) SJX

100. Arun’s son’s mother is :-

a) Wife b) Sister c) Daughter d) Aunt

 **SECTION-B (20 questions)**

1. Fun With Numbers
2. Give and Take
3. Fun with Give and Take
4. How Many Times
5. The difference of 2002 and 1999 is
6. 1 b)2 c)3 d)4
7. What is the product of 12 and 11?
8. 122 b)132 c)111` d)22
9. Take away 99 from 301 and you will get
10. 200 b) 201 c)199 d)202

 4. How many legs do 12 cows have?

 a)24 b)12 c)48 d)56

 5. If we distribute 39 chocolates among 13 children, how many chocolets will each child
 get?

 a)3 b) 13 c) 9 d) 6

 6. How many minutes are there in 10 hours?

 a) 6 b)60 c)600 d)480

 7.Multiplication is the inverse process of

 a) Addition b) Subtraction c) Multiplication d) Division

 8. If each box contains 48 pencils,how many pencils are there in such 5 boxes?

 a)200 b)220 c)230 d)240

 9. What must be taken out of 4000 to make it 3500?

 a) 1500 b)500 c) 1000 d)2500

 10. How many mangoes are there in 7 dozens?

 a) 77 b)72 c)84 d)12

 11. 5000+ 500 +5= \_\_\_\_\_\_\_\_\_\_\_\_\_

 a)5555 b)5055 c)5505 d) 5000

 12. 10000m= \_\_\_\_\_\_\_\_ km

 a)100 b)1 c)1000 d)10

 13. How many 8 are there in 88?

 a)10 b) 11 c)12 d)13

 14. 15 times 8 + 100 = \_\_\_\_\_\_\_\_\_\_\_\_\_

 a)200 b)210 c)220 d)120

 15. How many one- fifth make a whole?

 a)3 b)5 c)10 d)4

 16. How many days are there in 7 weeks?

 a) 36 b)84 c) 210 d)49

 17. 15 l= \_\_\_\_\_\_\_\_\_ ml

 a)150 b)1500 c)15000 d)15

 18. Divide the sum of 100 and 264 by 2

 a)192 b)182 c)150 d)200

 19. What is to be added to 15 tens to get 27 tens?

 a)100 b)110 c)120 d)130

 20. \_\_\_\_\_\_\_\_\_ ÷ 9 = 50

 a)450 b) 400 c)500 d)600

 ANSWER

**SECTION-A**

1. b [Hints: The pattern is P+1=Q,A+1=B,S+1=T, T+1=U so PAST is written as QBTU ]
2. a [ Hints: W-1=V, I-1=H, N-1=M, T-1=S,E-1=D, R-1=Q]
3. b [ Hints: 4×1=4, 4×2=8, 4×3=12, and so on]
4. c [Hints: 3+1=4, 4+2=6, 6+3=9 and so on]
5. d [sister in law]
6. C [ Hints: 3©9 =27, i.e, ‘©’ signs represents’ ×’, similarly 4©5 means 4×5=20]
7. b [Hints: 7 +1=8,3+1=4, Q+1=R, S+1=T, 9+1=10]
8. a [ Hints: D+3=G, G+3=J, J+3=M and so on]
9. c [ Hints: 943+3=946+3=949+3=952]
10. d [ Hints: (4×2) + (5×2)=18, (3×2) +(6×2)=18, similarly (5×2) +(7×2) = ? ]
11. a [ the series is ab,bc,cd,de,ef, and so on]
12. d [ son-in-law]
13. b[ Hints: The series is : 1×1=1, 2×2=4, 3×3=9,4×4=16 and so on]
14. b[ Hints: Teeth is realated to mouth similarly Hair is realeted to Head]
15. c [ Teachers take care of the students similarly Doctors take care of the Patients]
16. a [If’ + ‘means × then 4+5+2= 4×5×2= 40]
17. c [ In India money is called Rupees similarly In USA money is called Dollar]
18. d[cousin]
19. a[ the series is aabbcc. So the answer is c,b,a]
20. b [ ROAD = DAOR similarly SCHOOL= LOOHCS]

21. d [ House is realated to rooms similarly World is realated to Nations]

1. b [ darkness start from Evening similarly Light start from morning]
2. b [ colour of grass is green so in the given options appropriate option is b . i.e. colour of milk is white]
3. C [ January is the 1st month and November is the 2nd last month. Similarly Sunday is the 1st day and Friday is the 2nd last day]
4. C [ NU 🡪 UN , MB 🡪 BM, ER🡪 RE In this way NUMBER becomes UNBMRE, similarly GHOSTS becomes HGSOST]
5. B [M (-2)🡪K , I (-2) 🡪G, N (-2) 🡪 L, D (-2) 🡪 B similarly D(-2)🡪B, I (-2) 🡪G,

 A(-2) 🡪Y, G(-2) 🡪E,

1. C [ If B is father of D then B is father of A also. As A and D are brothers]
2. b [ [Grand daughter]
3. d [ Uncle]
4. d [ Daughter]
5. b [ A person walking towards North , on taking left turn will face towards west.]
6. a [ Arun is walking towards South and then he takes turn on right side now he is facing West. So his back side is East]
7. a [ 2 +1=3 km]
8. C [ To make a cloth the process is 1st SEED, 2nd COTTON, 3rd SHOWING and 4th CLOTH]
9. a [ The sequence is BOOK, STUDY, EXAMINATION, RESULT]
10. C [ number of corners of a handcarchief is 4 but when one corner is cut then number of corners is 5 like this figure :
11. a [ If 10 cloths takes 10 hrs to dry then each cloth will take 1 hr to dry.
12. C [ Since I am eleventh in the queue starting either end and that means ten persons are there on both sides. i.e. total person = 10 +10+1=21]
13. b [ A is sitting in the right side of B and C is sitting in the left side of B. so B is sitting in the middle of A and C]
14. a [ A < B, A>C i.e. C <A < B . So B is the tallest.]
15. a [ Suresh > Anil and Raju > Suresh, so Anil is the lightest among them]
16. b [ A > B but C>A So C is the oldest]
17. b [ 1 curve is increasing in each figure so b is the next figure]
18. C [ All the figures inside the circle is moving right side respectively, so C is the correct option.]
19. a [ 6+3+2+2+2+1=16]
20. d [ 16 + 7+4+2+1=30]
21. d [ T (-1)🡪 S, A (-1) 🡪 Z, P (-1) 🡪O . Similarly FREEZE🡪 EQDDYD]
22. C [ 2 = N, 3=P,5=T, 4=S, 9=L So the answer is NPTSL]
23. a [ TEACHER is called CLERK. So Clerk will teach in the class]
24. C [ See=juice, kee=is ,lee=sweet]
25. a [ 7=study,8=very,6=hard]
26. C [ B=2, A=1,S=19, I =9,C=3, So BASIC = 2 +1+19+9+3=34]
27. b [ RA 🡪AR, TI🡪AT,ON🡪NO,AL🡪LA, Similarly TRIBAL 🡪 RTBILA]
28. C [ R=%, E = +, N=×, T=$ ]
29. b [ If Tiredness is realated to Race, then Hunger is realated to Hunger]
30. a [ Feminine gender of Bull is Cow similarly Boy is realated to Girl]
31. C [ Court is the place where we get Justice, School is the place where we get Education]
32. d [ Oven is realated to Hot similarly Refrigerator is realated to Cold]
33. a [ 14÷2=7, So 14:7, Similarly 18÷2= 9 So 18 : 9]
34. a[2×2=4 so 2:4, similarly 6 ×2=12]

 61. d ( Hints – potato , carrot , radish and groundnut these are all grown under the ground)

 62. b ( Hints- Cobbler uses leather and carpenter uses wood to make furniture)

 63. b ( Hints- As tailor makes dress , similarly carpenter makes furniture )

 64. b ( Hints – A→C , H→K , O→S , P→U ;similarly B→D , J→M , M→ Q , R→W )

 65. d ( Hints – pollution is the result of smoke , similarly destruction is the result of war )

 66. a ( Hints – pleasure is opposite of sorrow , similarly right is opposite of wrong )

 67. b ( hints – sitar , guitar , tanpura and violin are all string instruments )

68. b ( Hints – 63÷3=21 , similarly 27÷3=9 )

69. d ( Hints - Aa→Bb →Cc →Dd→Ee→Ff )

70. a ( Hints – ABC →(forward)DEF →(forward)GHI, ZYX →(backward)WVU )

71. b ( Hints - 2→(+1)3, 0→0 , 4→(+1)5 ;similarly 4→(+1)5 , 0→0 , 6→(+1)7 )

72. b ( Hints - 1→(+1)2 , Z →(-1)Y ;similarly 4→(+1)5 , W →(-1)→ V )

73. a ( Hints – A (+2)=C , B(+2)=D , C(+2)=E ;similarly E→G , F→H , G→I )

74. a ( Hints - 1→2 ,2→3, 3→4 ;similarly 4→5 , 6→7)

75. b ( Hints 1st letter A is common only 2nd letter is changing in this way:Z,Y,X,W,V and so on.

76. a ( Hints –Rahul^' s mother father→Rahul^' s mother →Rahul→ (Overall Grand father)

77. a ( Hints – Mita^' smother →mita →(Aunt)Sister of Mita^' s Mother )

78. a ( Hints – Father of Sita →Sita →(Aunt)Sister of Sita^' sFather )

79. d ( Hints – MEAT →TEAM ;similarly BALE →EALB )

80. d ( Hints - G→V , I→I , V→E, E→G ;similarly D→S , I→I , S→K , K→D )

81. d ( Hints – CUP →3+21+16=40 ;KITE →11+9+20+5=45)

82. d ( Hints - D→8 , O→9 ,M→4 , E→3 and M→4 , E→3 , A→2 , L→1 ;similarly 3→E , 8→D ,2→A , 4→M , 9→O )

83. b (Hints - P→2 , A→1 , L→3, E→4 and E→4 , A→1 , R→5 , T→9 , H→0 ;similarly P→2 , E→4 , A→1 , R→5 , L→3 )

84. b ( Hints - M→(+3)P , O→(+3)R , U→U , S→(-2)Q ,W→(-2)C ;similarly S→(+3)V , H→(+3)K ,I→I , F→(-2)D , T→(-2)R )

85. d (Hints – 28=5+23 , 57=29+28 , 88=31+57 , 125=37+88 , 166=41+125 )

86. c ( Hints – The differences between two successive terms from the beginning are 5 , 7, 5, 7, 5 . So, 40 is wrong )

87. c ( Hints – Coal produces heat and wax produces candle )

88. a ( Hints – Passengers are travelled by train and air hostess are travelled by aeroplane )

89. c ( Hints – B→(+2)D , D→(+2)F , F→(+3)I ,I→(+3)L , L→(+4)P , P→(+4)T )

90. d (Hints - 2→(+13)15 →(+26)41 →(+39)80 →(+52)132 )

91. b (Hints - 1→(+2)3→(+2)5→(+2)7→(+2)9→(+2)11 )

92. d ( Hints - 2→(+2)4→(+4)8→(+6)14→(+8)22 and B→(+1)C→(+2)E→(+3)H→(+4)L )

93. b ( Hints - A→(+2) C →(+3) F →(+4) J →(+5) O )

94. d (Hints - B →(+6)H , F →(+6) L ,G →(+6) M ;similarly N →(+6) T , R →(+6) X , Sv(+6) Y )

95. b (Hints – CLOCK →XOLXP (SUM 27) ;similarly LOTUS →OLGFH (sum 27) )

96. a (Hints - S→1 , T →2 ,A →3 , B →4 , L →5 , E →6 and L →5 , A →3 , B →4 , O →7 , U →8 , R →9 ;similarly B →4 , O →7 , T →2 , T →2 , L →5 , E →6 )

97. a (Hints - B→B , C →C , D →C ;similarly C →C , B →D , D →B )

98. d (Hints – 12345678 │987654321 │ 1234567 │98765432 │ 1234 )

99. d (Hints - O→(+1)P , T→(+1) U , Ev(+1) F ;similarly R→(+1) S , W→(+1) X , H→(+1) I )

100. a (Hints – Arun →Son of Arun →Mother of Arun^' s son →wife )

**SECTION – B**

 1. c ( 2002-1999=3)

 2. b ( 12×11=132)

 3. d (301-99=202)

 4. c (1 cow has 4 legs. So 12 cows have 12×4=48 legs)

 5. a ( 39 chocolates distributed among 13 children, so each child get 39÷13 = 3 chocolates)

 6. c (1 hour =60 min, 10 hours =60×10=600 min)

 7. d ( Multiplication is the inverse of Division)

 8. d ( Each box contains 48 pencils then 5 boxes contain 48×5= 240 pencils)

 9. b ( 4000 - 3500 = 500)

 10. c (1 dozen =12 mangoes so 7 dozens = 12×7=84 mangoes)

 11. c ( 5000+500+5 =5505)

 12. d [ 1000m = 1km , so 10000m=(10000÷1000)km= 10km ]

 13. a [ 8,18,28,38,48,58,68,78,88 total ten 8 are there in 88]

 14. c [ 15 times 8 = 15×8=120 +100 =220 ]

 15. b [ 5 ×1/5 =1, so 5 times one- fifth make a whole]

 16. a [ 1 week =7 days, so 7 weeks = 7×7 =49 days]

 17. d [ 1l =1000ml , 15l =15×1000=15000ml]

 18. b [ 100+264=364 now 364÷2= 182]

 19. c [27tens=( 27×10)= 270, 15 tens =(15×10)=150 now 270-150=120]

 20. a [ 50×9=450]

SATISH CHANDRA MEMORIAL SCHOOL

METRER SECOND LEVEL EXAMINATION 2018

MATHEMATICS

CLASS III

SET I

**ANALOGY**

Q.1. Choose a number that is similar to the numbers given in the set: (124, 331, 403)

(a) 242

(b) 205

(c) 341

(d) 432

Q. 2 Find the missing term in the second group: - CAT: DDY:: PIN : ?

(a) QLS

(b) DLN

(c) ANP

(d) CFP

Q.3. CHAIRS is related to AHCSRI in the same way as TABLES is related to?

(a) BTASLE

(b) LEBSAT

(c) TASBLE

(d) BATSEL

**SERIES COMPLETION**

|  |  |
| --- | --- |
| Q1. | Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next? |
|

|  |  |
| --- | --- |
| (a) | 7 |
| (b) | 10 |
| (c) | 12 |
| D. | 13 |

 |
| Q2.Look at this series: 36, 34, 30, 28, 24, ... What number should come next? |
|

|  |  |
| --- | --- |
| A. | 20 |
| B. | 22 |
| C. | 23 |
| D. | 26 |

 |

|  |  |
| --- | --- |
| 5.  | Look at this series: 53, 53, 40, 40, 27, 27, ... What number should come next? |
|

|  |  |
| --- | --- |
| **A.** | 12 |
| **B.** | 14 |
| **C.** | 27 |
| **D.** | 53 |

 |

MIRROR IMAGE

|  |
| --- |
| Choose the alternative which is closely resembles the mirror image of the given combination. |
|

|  |  |
| --- | --- |
| **A.** | 1 |
| **B.** | 2 |
| **C.** | 3 |
| **D.** | 4 |

 |

|  |  |
| --- | --- |
| 2.  | Choose the alternative which is closely resembles the mirror image of the given combination. |
|

|  |  |
| --- | --- |
| **A.** | 1 |
| **B.** | 2 |
| **C.** | 3 |
| **D.** | 4 |

 |
|  |
| 4.  | Choose the alternative which is closely resembles the mirror image of the given combination. |
|  |
|  |
|

|  |  |
| --- | --- |
| **A.** | 1 |
| **B.** | 2 |
| **C.** | 3 |
| **D.** | 4 |

 |

**CODING AND DECODING**

If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that code ?

**Option:**

**A.** CPNCBX

**B.** CPNCBZ

**C.** CPOCBZ

**D.** CQOCBZ

**E.** None of these

In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code ?

**Option:**

**A.** CHRONRD

**B.** DSOESPI

**C.** ESJTPTF

**D.** ESOPSID

**E.** None of these

In a certain code, RIPPLE is written as 613382 and LIFE is written as 8192. How is PILLER written in that code ?

**Option :**

**A.** 318826

**B.** 318286

**C.** 618826

**D.** 338816

**BLOOD RELATIONS**

|  |
| --- |
|  |
|  1. | Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy? |
|

|  |  |
| --- | --- |
| **A.** | Brother |
| **B.** | Uncle |
| **C.** | Cousin |
| **D.** | Father |

 |

|  |
| --- |
|  |
| 2.  | Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl? |
|

|  |  |
| --- | --- |
| **A.** | Brother |
| **B.** | Nephew |
| **C.** | Uncle |
| **D.** | Son-in-law |

 |

3.

|  |
| --- |
|  |
|   | If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?1. The son of D is the grandson of C.
2. B is the sister of D.
 |
|

|  |  |
| --- | --- |
| **A.** | Only 1 |
| **B.** | Only 2 |
| **C.** | Either 1 or 2 |
| **D.** | 1 and 2 both are required |

 |

Number

1.



MATHEMATICAL OPERATION

1.write the answer in the given blank:-

a) What number is 45 hundreds?

b) The difference of 2012 and 111 is \_\_\_\_\_\_\_\_\_\_\_\_\_

c)\_\_\_\_\_ + 34 = 76

SHAPES AND DESINGS

1. Fill in the blanks:-

a)A triangle has ------ sides.

b)The opposite side of a rectangle are ----------

2.Draw two 2D shapes.

3.What is 3D shapes. Draw one 3D shape.

LONG AND SHORT

1.Fill in the blanks:-

a)3000m=\_\_\_\_

b)The standard unit of length is \_\_\_\_\_\_\_\_\_\_\_\_\_

2.convert into KM from meter:-

a) 64km

b)39km

3)Subtract :- 77kg411m from 91kg

WHO IS HEAVIER

1.FILL IN THE BLANKS

a)2000g=\_\_\_\_\_\_\_\_\_\_\_\_\_kg

b)The standard unit of weight is \_\_\_\_\_\_\_\_\_\_

2Convert from g to kg

a)4000g

b)9606g

3.Add:-

a)81kg911g+56kg.

GIVE AND TAKE

1.SOLVE THE SUMS:-

a)Reducing 78 by 14 gives \_\_\_\_\_\_

b) Take 11 away from 101 we get\_\_\_\_\_\_

c)The sum of 11 and 97 gives\_\_\_\_

2.ADD THE FOLLOWING SUMS:-

a)664+210

b)256+21

3.SUBTRACTION

a)101-19

b)151-33

SET II

**SECTION- A**

A certain language MADRAS is coded as NBESBT, how is KOLKATA coded as?

LPLMBUB B) LPKLCSB

C) LPMLBUB D) LPOLBUB

 2) In a certain code MONKEY is written as XDJMNL. How is TIGER written in that code?

 A) QDFHS B) UJHFS

C) SDFHS D)SHFDQ

 3) If ENTRY is coded as 12345, STEADY is coded as 931785. How is the word ARREST coded as?

 A) 745194 B) 166479

 C) 744599 D) 744193

 4) Son’s wife is called

 A) Aunt B) Sister

 C) Daughter D) Daughter -in –law

 5) Uncle’s daughter is called your

 A)Daughter B) NIECE

 C)Cousin D) Brother

 6) Only son of your mother’s father is your

 A) Brother B) Father

 C) Cousine D) Maternal uncle

7) If 9\*5=14 and 6\*4=10, then 14\*10=?

 A) 4 B) 24

 C) 140 C) 23

8) 5+3-1+9-4 =?

 A) 12 B)14

 C) 10 D) 11

9) 8×6 +3-1 =?

 A) 40 B) 51

 C)50 D) 52

10) 120+20+50-90=?

 A) 190 B)200

 C) 201 D)100

11) Which of these letters has a line of symmetry? P, F, W, L

 A) F B)W

 C) P D) L

12) Mirror image of MOUTH is

 A) HTMOU B)MOUTH

 C) HTUOM D)HTUMO

13) Mirror image of COMPUTER is

 A) REUTPMOC B) RETUPMOC

 C) COMPUTER D) RETUPCOM

14) BOOK: READ:: COPY : ?

 A) LISTEN B) SPEAK

 C) WRITE D) SING

15) PEN : NEP:: BOOK: ?

 A)OBOK B)OOBK

 C)KOOB D) KOBO

16) 5,7,10,14, \_\_\_\_, 25

 A)18 B) 19

 C)20 D)21

17)4,9,16,\_\_\_\_,36

 A) 25 B)22

 C) 23 D)24

18) az ,by, cx, \_\_\_\_,ev

 A)du B) dw

 C) fu D) fw

19) 4 : 8 :: 5: ?

 A) 7 B) 10

 C) 25 D)16

20) 13:39:: 15: ?

 A) 30 B) 36

 C) 40 D) 45

**SECTION-B**

21) Convert 36 Km400m into metre.

22) 19m58 cm=\_\_\_\_\_\_\_ cm

23) Weighs of Rohit and his sister are 35 kg and 29 kg respectively. Find the difference of their weighs.

24) Convert 39kg into gram.

25) 56 apples are distributed among 14 children. How many apples will each children get?

26)There are 985 boys and 864 girls in a school. Find the total number of student of the school.

27) a) No.of edges of a cube is \_\_\_\_\_\_\_\_\_\_\_\_

 b)No. of edges of a cylinder is \_\_\_\_\_\_\_\_\_\_\_