### SCHOOL ASSISTANT ASSOCIATION, CHITTOOR. MODEL NMMS EXAM – 2016

#### Directions:

#### Questions (1 to 10):

In the number series given below, one number is missing. Each series is followed by five alternatives: (1),(2),(3),(4),(5). One of them is the right answer. Indicate it as per the instructions.

- 1. 7, 10,8,11,9,12,....
  - (1) 72) 10 3) 12 4) 13 5) 15
- 2. 36,34,30,28,24,....
  - (1) 20 23 22
  - (2) 26
  - (3) 25
- 3. 53,53,40,40,27,27,....
  - (1) 12
  - (2) 53
  - (3) 27
  - (4) 21
  - (5) 14
- 4. V, VIII, XI, XIV,.....
  - (1) IX
  - (2) XXIII
  - (3) XV
  - (4) XVII
  - (5) XVI
- 5. 664 ,332 ,340 ,170 ,...., 89
  - (1)85
  - (2) 97
  - (3) 178
  - (4) 109
  - (5) 129
- 6. 6 10 14 18 22 26 30 ......
  - (1) 36 40
  - (2) 33 37
  - (3) 38 42
  - (4) 34 36
  - (5) 34 38
- 7. 2,15,4,12,6,8,...,3
  - (1) 8
  - (2)9
  - (3) 7
  - (4) 6
  - (5) 0
- 8. 120,99,80,63,48,.....
  - (1) 38
  - (2) 40
  - (3) 35
  - (4) 39
  - (5) 33
- 9. 589654237,89654237,8965423,965423,...
  - (1) 58965
  - (2) 65423
  - (3) 89654
  - (4) 96542
  - (5) 96545
- 10. 22,21,23,22,24,23,......
  - (1) 22,23
  - (2) 23,22
  - (3) 25,23
  - (4) 24,25
  - (5) 25,24

#### Directions:

Questions (11 to 15): These are based on letter analogy. Ther are two pairs of letter combinations in each question. The first (left hand side) pair has some relationship between its members. In the second pair, one member is missing. Find this out from the answers (1),(2),(3),(4),(5) such that this pair has a similar relationship as the first pair. Indicate your answer as per the instructions.

- 11. WFB: TGD:: QHG:?
  - (1) INI
  - (2) RIN
  - (3) NII
  - (4) NIR
  - (5) IINI
  - (5) IIN
- 12. FAG : GAF :: OBP : ?
  - (1) PBO
  - (2) BPO
  - (3) PBQ
  - (4) QBP
  - (5) BPQ
- 13. ELFA: GLHA:: MLNB:?
  - (1) QBPL
  - (2) QLPB
  - (3) OLPB
  - (4) OBPL
  - (5) OLBP
- 14. SCD : TEF :: IJT :: ?
  - (1) LKU
  - (2) KUL
  - (3) LUK
  - (4) KLU
  - (5) ULK
- 15. LINK: SNIR:: KING:?
  - (1) QINS
  - (2) QNIU
  - (3) UNIQ
  - (4) UINQ
  - (5) UIQN

#### Directions:

### Questions (16 to 25):

In the following questions, letters/letter groups are arranged in a particular order with some underlying criterion. Study the order and choose the answer from the alternatives to fill the gaps. Indicate the right answer as per the instructions.

- 16. SCD,TEF,UGH,....,WKL
  - (1) WJI
  - (2) VJI
  - (3) VIJ
  - (4) WIJ
  - (5) JIV
- 17. TG,QH,NI,....
  - (1) JK 2) KJ 3) MK 4) OK 5) JO
- 18. DEGK,CDFJ,BCEI,....
- (1) ABDH
  - (2) DBHA
  - (3) AHDB
  - (4) ADBH
  - (5) DABH

- 19. ABC,EBF,HBI,.... (1) GHB (2) GBH (3) BLK (4) GBL (5) KBL 20. MO,NP,OQ,..... (1) NO (2) PR (3) RQ (4) RS (5) PS 21. AZBY,CXDW,EVFU,.... (1) GHSW (2) FWHS (3) WHSG (4) GTHS (5) GWGS 22. IKMO,JMKP,KMKQ,....,MMKS (1) LMKR (2) KMKR (3) LKMR (4) LMKS (5) RMKL 23. NOHG,QRJI,TULK,.... (1) WNMX (2) NMXW (3) WXMN (4) WXNM (5) MNWX 24. CXDW,EYCX,GZBY,..... (1) HZAZ (2) HAZZ (3) AHZA (4) HZZA (5) HAAZ EVFU,GXHW,IZJY,..... (1) LABK (2) KLAB (3) KYZL (4) KBAL (5) KBLA Directions: Questions (26 to 30): In each of these questions, five words are given. If they are arranged in the alphabetical order as in the dictionary, find out the word which comes first. Indicate your answer as per the instructions. 26. (1) Admire (2) Adrift (3) Adjust (4) Adroit (5) Abide 27. (1) Impudence (2) Immune (3) Implicate (4) Immense (5) Immature
- 28. (1) Delegate (2) Different (3) Digest (4) Dispose (5) Difficult 29. (1) Scorn (2) Scroll (3) Screen (4) Scene (5) Seek 30. (1) List (2) Link (3) Line (4) Life (5) Live Directions: Questions (31 to 40): In the each of these questions, five words are given. Four of them are alike in some way. One word is different from them. Identify the right answer and indicate it as per the instructions. 31. (1) Jeevan Raksha Padak (2) Param Vir Chakra (3) Padma Bhusan (4) Padma Ve Bhusan (5) Bharat Ratna 32. (1)Phycology: Algae (2) Ornithology :Birds (3) Mycology: Fungi (4) Biology: Botany (5) Cytology: Cells 33. (1)Elephant (2) Man (3) Hawk (4) Seal (5) Whale 34. (1) Jaipur (2) Manali (3) Pahalgam (4) Mussorie (5) Darjeeling 35. (1)Savanna (2) Prairies (3) Downs (4) Pampus (5) Grasslands 36. (1) Exercising (2) Sprinting (3) Jogging (4) Jumping (5) Running 37. (1) Dispur (2) Leh

(3) Shimla

(4) Panaji

(5) Aizawl

(2) Grass

(3) Convolvulus

(5) Amaranthus

(4) Chenopodium

38. (1)Oats

47. How many persons are educated? 39. (1) Table (1) 18 (2) Chair (2)9(3) Cupboard (3) 20(4) Window (4) 30(5) Door (5) 3940. (1)Copper 48. How many persons are either married or (2) Iron educated? (3) Aluminum (1) 18 (4) Carbon (2) 22 (5) Sodium (3) 52 Directions: (4) 53Questions (41 to 45): (5) 40 There is a certain relationship between two 49. How many male are there who are given words on the one (left) side of ::, while educated but not married? another word is to be found from the five (1) 10given alternatives, such that similar relation (2)9exists in the second pair. Identify the right (3) 8answer and indicate it as per the instructions. (4) 1241. Temperature: Thermometer :: Blood (5) 15pressure: Directions: (1) Sphygmomanometer Questions (50to 64): (2) Barometer If in a language (English), A is coded as 1, B is (3) Bevameter coded as 2, C is coded as 3 and so on, how are (4) Hygrometer the following letter- gropus coded in that (5) Phygomanometer language? After identifying the right answer, 42. Ballpoint pen : Laszlo Biro :: Fountain indicate it as per the instructions. 50. GIED (1) James Ritty (1) 9548(2) Joseph Aspdin (2) 5478 (3) Lewis Edson Waterman (3) 7954 (4) William Sturgeon (4) 7945 (5) Thomas Edison (5) 784543. Taj Mahal: India:: Colosseum: 51. HIDE (1) Venice (1) 8945 (2) Germany (2) 9845 (3) China (3) 7845 (4) Rome (4) 6854 (5) America (5) 8954 44. Australia: Canberra:: Afghanistan: 52. HBGGC (1) Iran (1) 83772 (2) Iraq (2) 82773 (3) Kabul (3) 82663 (4) Baghdad (4) 83662 (5) Ahmedabad (5) 82753 45. Alluminium : Bauxite :: Petrochemicals: 53. AGHECE (1) Ceramics (1) 187545 (2) Naphtha (2) 187545 (3) Sodium (3) 178545 (4) Sulphate (4) 178535 (5) Petrol (5) 187454 Directions: Questions (46 to 49): Study the given 54. CDBEGH diagrams carefully and answer the question (1) 432587 (2) 342578 given below of it. 46. How many male are there, who are (3) 342587 (4) 524387 married? (5) 245873 (1) 8(2)9(3) 10(4) 12

(5) 6

#### Directions:

Questions (55 to 59):

If is DANGER coded as 123456 and LINE as 9835 respectively, how are the following words coded? Identify the right answer and indicate it as per the instructions.

#### 55. ANGLE

- (1) 95243
- (2) 24395
- (3) 25943
- (4) 32459
- (5) 23495
- 56. RING

  - (1) 2345
  - (2) 4368
  - (3) 6834 (4) 6348
- (5) 4386
- 57. RANGE
  - (1) 12345
  - (2) 62345 (3) 23456
  - (4) 62354
  - (5) 32654
- 58. DRIN
  - (1) 6831
  - (2) 1683
  - (3) 1638
  - (4) 6218
  - (5) 1682
- 59. NEED
  - (1) 3551
  - (2) 4551
  - (3) 5114
  - (4) 3554
  - (5) 4554

#### Directions:

Questions (60 to 69): The following questions are based on simple arthematic principles. There are five alternatives given under each question. Identify the right answer and indicate it as per the instructions.

- $60. (27-8)^3 = ?$ 
  - (1) 6498
  - (2) 6948
  - (3) 6985
  - (4) 6589
  - (5) 6859
- 61. 77777+7777+777=?
  - (1) 16331
  - (2) 86331
  - (3) 80331
  - (4) 86313
  - (5) 86303
- 62. 7986+? = 9246
  - (1) 1260
  - (2) 1206
  - (3) 1620
  - (4) 1820
  - (5) 1280

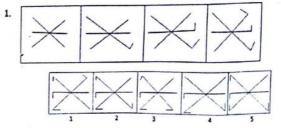
- 63. Square root of 81 + square root of x = 21
  - (1) 144
  - (2) 128
  - (3) 81
  - (4) 121
  - (5) 225
- 64. 9867-? = 1234
  - (1) 8366
  - (2) 8033
  - (3) 6833
  - (4) 8633
  - (5) 8063
- 65. 12% of 96=?
  - (1) 11.00
  - (2) 11.25

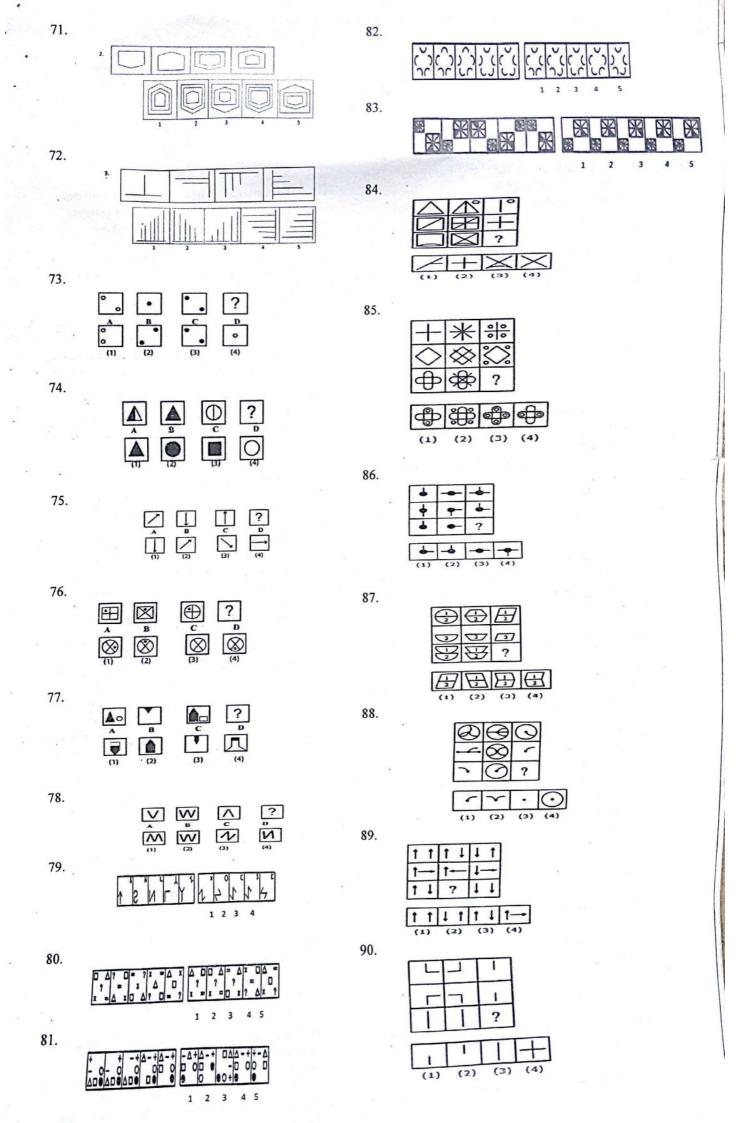
  - (3) 12.00
  - (4) 11.50
  - (5) 11.52
- 66. 0.7\* 0.0009 =?
  - (1) 0.00063
  - (2) 0.0063
  - (3) 0.00054
  - (4) 0.063
  - (5) 0.000063
- 67. 5/8 of 924 =?
  - (1) 590.5
  - (2) 577.5
  - (3) 585
  - (4) 575
  - (5) 575.5
- 68. 94.051-78.660 =?
  - (1) 15.931
  - (2) 15.319
  - (3) 15.391
  - (4) 15.339
  - (5) 15.399
- 69. 7272 / 9 =?
  - (1) 88
  - (2) 8008
  - (3) 088
  - (4) 880
  - (5)808

#### Directions:

Questions (70 to 90): In each of these questions, there are four problem figures (a),(b),(c),(d). Figure (d) is vacant sshown by a question mark "?".Figure (b) bears a certain relationship to (a). Similarly one of the answer figure bears similar relationship to (c). Find this out and indicate it as per the instructions.

70.

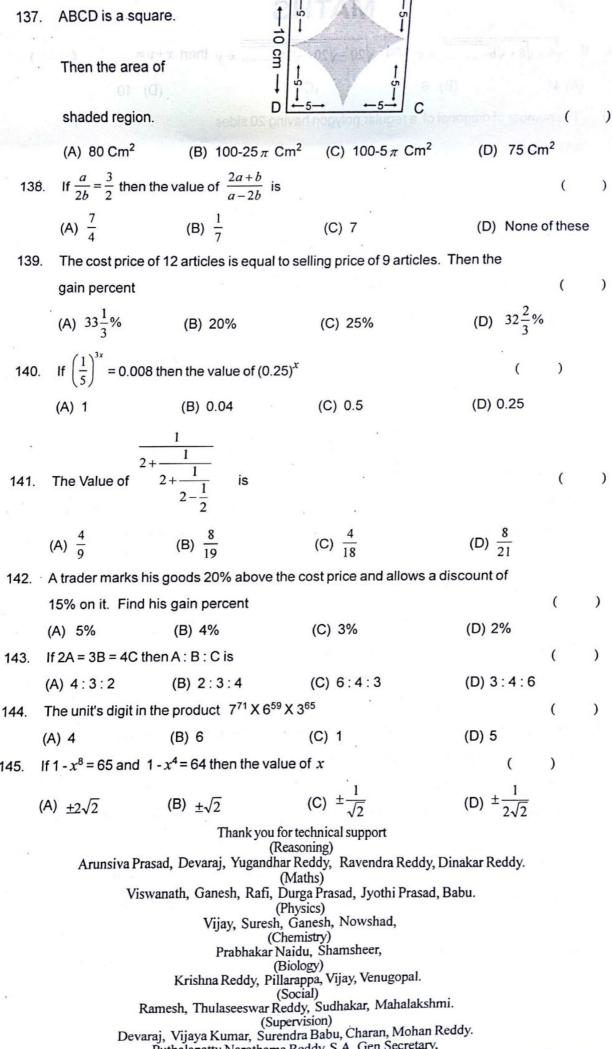




91. Which of the following can measure te thickness of	109. Match column 'A' with column 'B'	
a glass plate	A. Name of the fibre B. Use i) Silk a) rope	
1) Vernier Calipers 2) Screw gauge 3) Meter Scale 4) Pyrometer	i) Silk a) rope ii) Nylon b) sweater	,
6 1 31	iii) acrylic c) bottle	
92. A Stone dropped from the top of a hill reaches ground after one second. Then what is the height of the hall?	iv) plastic d) saree	
1) 4.9 m 2) 9.8 m 3) 49 m 4) 490 m	1) i - b ii - c iii - d iv - a	
93. The fictious force is	2) i - d ii - c iii - b iv - a	
1) centripetal force 2) centrifugal force	3) i-c ii-d iii-a iv-b	
3) electromotive force 4) gravitational force	4) i - d ii - a iii - b iv - c	
94. The velocity of sound in air at 0°C is 332 ms <sup>-1</sup> . Then		
the velocity of sound at 10°C is	110. The haemoglobin of blood contains the meta 1) Calcium 2) Magnesium	11
1) 338 ms <sup>-1</sup> 2) 430 ms <sup>-1</sup> 3) 300ms <sup>-1</sup> 4) 3320 ms <sup>-1</sup>		
95. In ripple tank the trough of water wave behaves as	3) Iron 4) Sodium 111. Nonmetals form	
1) convex mirror 2) concave mirror	1) Lations 2) anions	
3) convex lens 4) concave lens	3) anions and cations 4) donot form ior	15
96. The force between two poles increased by 'm' times	112. Micronutrients are	
when the distance between them is halved and it is 'n'	1) Fibre 2) Protein	
times when the distance is doubled then m: n =	3) Vitamins & Minerals 4) Carbohydrates	
1) 1:16 2) 2:1 3) 16:1 4) 1:2	113. An example of natural indicator	
97. 100 electric lamps of each is drawing 0.2 Amperes at	Methyl orange     Phenolphthale	ne
220V. Find the cost of working of the given lamps	3) Turmeric paper 4) Litmus paper	
for a month of 30 days at 5 hours a day each unit		
costs 2 Rs.	Biology	
1) Rs.1320 2) Rs. 3120 3) Rs.320 4) Rs. 230	114. The sequence of development of fertilized eg	gg is
98. A shunted galvanometer can be used as 1) Voltmeter 2) Rheostat	i) Foetus ii) zogte iii) embryo iv) baby	
	1) i, iii, ii, iv 2) ii, iii, i, iv 3) ii, i, iii, iv 4) i, ii, iii, iv	
99. The principle involved in Hydrogen bomb is 1) nuclear fission 2) nuclear fusion	115. Metamorphosis is generally seen 1) Birds 2) Mammals	
3) controlled reaction 4) none	1) Birds 2) Mammals 3) Insects 4) Molluscans	
100. The minority charge carriers in an n-type	116. Bat, cockroach, cat, are	
semiconductors are	1) Herbivores 2) Carnivores	
1) Holes 2) electrons	3) Nocturnals 4) Omnivores	
3) holes, electrons 4) negative ions	117. Ronald Ross discovered that malarial causat	ive is
101. When three resistors of resistances 2 ohm, 3 ohm, 4	a mosquito, Ross was encouraged in this	
ohm are connected in series, the ratio of potential	experiment by	
differences is	1) Mohammed Bux 2) Erwin	
1) 4: 3: 2 2) 6: 4: 3 3) 2: 3: 4 4) 3: 6: 4	3) Pasteur 4) Patric Manson	
102. This is formed at the fixed end of a rope vibrating	118. Lion, Loris, Neplenthes, Sandle Wood tree a	re
1) antinode 2) node 3) crest 4) throught	1) Extinct species 2) Endemic Speci	ies
Chemistry	3) Species in Red Data Book 4) All	!!
103. The percentage of copper sulphate needed in a	119. Chemicals used in conducting the "Protein T	ests
solution to test the proteins	are	ccium
. 1) 2% 2) 4% 3) 10% 4) 15%	i) 2% copper sulphate solution, ii) 10% pota-	de
104. Which of the following are true	hydroxide solution, iii) 10% sodium hydroxi solution, iv) 2% zinc sulphate solution	uc
i) vinegar is basic in nature		
ii) Most of the organic acids come from plants	1) į & ii 2) ii & iii 3) į & iii 4) ii & iv	
iii) Red litmus turns blue in a solution containing	120. When white coloured calcium (CaoH2) is m	ived
calcium hydroxide	with yellow colour turmeric solution it chan	
iv) Indicator does not change its colour	into red it is due to	603
1) i ii 2) ii, iii 3) ii, iii 4) i, iv	1) Acedic nature 2) Basic nature	
105. The innerwalls of vessels made up of copper are		IFE
coated with	3) Neutral Nature 4) Indicator natu 121. Select the unrelated one	
1) bronze 2) Tin 3) Iron 4) Gold		
106. Which statement of the following are false about	1) ombrometer 2) udometer	
chemical change	3) speadometer 4) puluinmeter	
1) It is a permanent change	122. A common known parasitic plant is	
2) New substances are formed	1) Aloevera 2) cuscuta 3) Pistia 4) Maize	
3) It is a temporary change		
4) All	123. Type of Respiration seen in the life of frog 1) Cutaneous 2) Lung	
107. Which of the following metals are non corrosive	3) Gill 4) All	
i) Gold ii) Iron iii) Copper iv) silver	124 A flower has ovary ovule, style and stigma i	it is a
1) i and ii 2) ii and iii 3) iii and iv 4) i and iv	:) Monoseyual flower II) Male Hower	
108. Melamine is an example for	iii) Bi-sexual flowr iv) female flower	
1) Fibre 2) monomer	1): 8: iv 2) i & ii 3) iii 4) ii	
3) Thermoplastic 4) Thermosetting plastic	125 A plant that reproduces with the help of a lea	11
	1) potato 2) Cabbage	
	3) begonia 4) ginger	

## MATHS

126.	If $\sqrt{6+\sqrt{6+\sqrt{6+}}}$	$= x$ and $\sqrt{20-x}$	$\sqrt{20-\sqrt{20}} = y$ then	x+y=	(	)
	(A) 4	(B) 6	(C) 7	(D) 10		
127.	The number of diag	onal of a regular polyg	gon having 20 sides	(	)	
	(A) 190	(B) 170	(C) 150	(D) 130		
128.	At What time between	en 9'0 Clock and 10.0 cl	ock will the hands of a wat	ch be together (	( )	
	(A) 9 hours 47 <sup>1</sup> / <sub>11</sub> m	nin.	(B) 9 hours 48 <sup>1</sup> / <sub>11</sub> min.			
	(C) 9 hours 49 <sup>1</sup> / <sub>11</sub> m	nin.	(D) 9 hours 50 <sup>1</sup> / <sub>11</sub> min.			
129.	$\left(2-\frac{1}{3}\right)\left(2-\frac{3}{5}\right)\left(2-\frac{5}{5}\right)$				(	)
•	(A) 1	(B) $\frac{997}{999}$	(C) 0	(D) $\frac{1001}{3}$		
130.	Mean of 10 observa	ations is 32, By doing s	o, if one observation 52 is	s mistaken for 2	25.	
	Find the correct m	ean			(	)
	(A) 29.3	(B) 30	(C) 25.3	(D) 26.5		
131.	The length of recta	ngle is increased by 20	% and the width is dicreas	sed by 20%.		
	Then the percent v	alue by whcih area ch	anges		(	)
	(A) No Change	(B) 4% decrease	(C) 4% increase	(D) 8% decr	ease	
132.	In the adjacent figur	re PQ II ST,	Q \$	—— т	(	)
	$\angle PQR = 110^{\circ}$ and	∠RST = 130°	1100			
	then $\angle QRS =$		V			
	(A) 45°	(B) 50°	(C) 55°	(D) 60°		
133.	If a man runs at 3 m	etres per second, how	many Kilometres does he	run in		
	1 hour 40 minutes	*			(	)
	(A) 25 Km	(B) 20 Km	(C) 18 Km	(D) 15 Km		
134.	The sum of two nur	nbers is 528 and their h	HCF is 33. The number of	f pairs of		
	such numbers satis	sfying the above condi	tion is		(	)
	(A) 6	(B) 12	(C) 8	(D) 4		
135.	If a cube of side 15	cm is cut into cubes ea	ach of side 3 cm then the r		,	`
	small cubes				(	)
	(A) 27	(B) 225	(C) 125	(D) 45		
136.	A sum of money at	simple interest amounts	s to Rs.2240 in 2 years an	d to Rs.2600	,	
	in years. Then the	principle amount	*	(D) D= 1050	. )	M.
	(A) Rs.2000	(B) Rs.1800	(C) Rs.1900	(D) Rs.1950		



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Which of the following is correct about 164. Who believed that a sport was essential for a 146. Balance between the body and mind "Mercator's Projection" 1. Correct shapes of continents 2) JL Nehru 1) Mahatma Gandhi 3) Netaji 4) Sachin Tendulkar 2. Right directions of continents 165. Who drafted constitution for India before 3. Actual distances of continents 4. All the above Independence 2) 2 and 3 3) 1 and 3 4) 4 Rajendra Prasad 2) Jawaharlal Nehru 1) A and 2 147. Which of the following places don't have 3) Motilala Nehru 4) B.R.Ambedkar 166. The number of times our constitution has Much change in temperatures throughout been amended till 2011 the year. 3) 99 4) 102 2) 97 Hyderabad 2) Jodhapur 1) 95 167. Which of the following is not under concurrent 4) Delhi 3) Panaji List On Which days sun is an equator 148. 2) Electricity 1) Education 1) June 21, September 23 4) health 3) Industries 2) March 21, June 21 168. The head of the executive is 3) March 21, September 23 2) Prime Minister 1) President 4) September 23, December 22 4) Chief Justice 3) Speaker 149. Harpoon means 169. Who argues the case for the victims is the 1) a vegetable 2) a weapon Court 4) an animal 3) a game 1) Public Prosecutor 2) Defence Lawyer 150. Babul tree is commonly found in 3) Criminal Lawyer 4) Judge 1) Evergreen forests 170. Tsunamis are generated by 2) Deciduous forests 1) Earthquakes 3) Swamp forests 2) Volcanic eruptions 4) Thorny forests 4) all the above 3) under water landslides 151. Forest Rights Act passed in the year 171. The short statement of the basic principles of 1) 2006 2) 1974 Constitution is called 4) 2005 3) 2004 1) Preamble 2) articles 152. Bauxite is the ore of 4) appendix 3) Schedule 1) Mica 2) Barytes 172. Which of the following is not correct regarding 3) Aluminium 4) Asbestos with powers of Lok Sabha 153. Which of the following is open Pit mines More powers in money matter 1) Coal 2) Barytes 2) Controls the council of ministers 3) Iron 4) Bauxite 3) Less powers than Rajya sabha 154. Tropic of cancer Lies in 4) Elects its leader. 1) Northern Hemisphere 173. Hundis means 2) Southern Hemisphere 1) Saving Box 2) Paper currency 3) Eastern Hemisphere 4) Gold coins 3) coins 4) Western Hemisphere 174. Which of the following is not the work of 155. When does the sun never set in the Combined Harvester Tundra region 1) Harvesting 2) threshing 1) November to January 4) ceding 2) February to April 3) Winnowing 175. AYUSH is associated with 3) May to July 2) Transport 1) Education 4) August to October 4) Health Agriculture 156. Jannareddy Pratap Reddy was 176. How much calories of energy should intake to 2) Freedom fighter 1) Tribal Leader Stay on an average 3) Diwan 4) Landlord 2) 2200 cal 157. "Direct Action Day' was observed by 1) 2400 cal 4) 2000 cal 3) 2100 cal 1) Indian National Congress 177. Right to information Act passed in the year 2) Hindu Maha Sabha 1) 2001 2) 2005 3) 2007 3) Muslim League 178. During which phase of the National Movement, 4) All India Kisan Sabha Swadeshi Movement was started 158. Who was not the founding member of Sri Krishnadevaraya Andhra Bhasha Moderate Phase
 Extremist Phase 3) Revolution Phase 4) Gandhi Phase Nilayam 179. The first union Finance Minister was 1) Ravi Narayan Reddy 1) Jairamdas Daulatram Komarraju Lakshmana Rao 2) John Mathan 3) Nayani Venkataranga Rao 4) Ravichettu Ranga Rao 3) Sardar Vallabhabi Patel 159. Who was the first person to receive the land 4) Jagajivan Ram 180. How many Lok Sabha elections conducted so As a part of Bhoodan Movement 1) Ilamma 2) Maisaiah 3) Komaraiah 4) Polamma 2) 15 3) 16 4) 17 1) 14 160. Who called intouchable; castes as Harijan 1) B.R.Ambedkar 2) Jyotiba Phule We are very much thankfull to 3) Mahatma Gandhi 4) Narayana Guru 161. Which country passed a law in 2004 banning Papudesi Foundation (Sri Prasad & Smt. Jayanthi) students from wearing any religions or political signs 1) Germany 2) France Karthik Memorial Trust, (SriVijaya Kumar) 3) South Africa 4) Japan 162. Rukmini Devi was associated with Priya Mineral Water (Sri Ramana) 1) Devadasi 2) Harikatha 3) Kuchipudi 4) Bharatanatyam

163. The father of Telugu film industry1) Raghupathi Venkaiah2) H

3) B.V.Reddy

2) H.M.Reddy

4) B.N.Reddy

1-2	11-3	21-4	:31-2	41-1	5-1-1	61-2 71.	-4 81-4	
2-4	12-1	22-3	32-4	42-3	52-2	62-1.72	-3 82-1	
3-8	13-3	2-3-4	33-3	43-4	53-4	63-1 7	3-4 83-1	
4-4	14-4	24-5	34-1	44-3	54-2	64-4 7	4-1 84-4	
5-3	15-3	25-5	35-5	4=2	22-2	65-5 2	5-3 8r-2	
6-5	.16-3	26-5	36-1	46-3	56-3	66-1	16-2 86-1	
7-1	17-2	27-5	37-2	47-5	57-2	67-2	77-3 87-3	
8-3	18-1	28-1	38-1	48-4	58-2	68-3	78-1 88-3	
- 1	1- 5	29 /	39-1.	49-2	59-1		79-3 89-1	
10-5	20-2	30-4	40-2	50-3	60-5	70-4	80-290-3	3
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# KEYSHEET

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91 B	101 C	111 B	121 C	131 B	141 B	151 A	161 B	171 A
92 D	102 B	1:2 C	122 B	132 D	142 D	152 C	162 D	172 C
93 B	103 A	113 C	123 D	133 C	143 C	153 B	163 A	173 B
94 A	104 B/C	114 B	124 A	134 D	1144 A	15, A	164 A	174 D
95 D	105 B	115 C	125 C	135 C	:145 D	155 C	165 C	175 D
96 C	106 C	116 C	126 C	136 A	146 A	196 D	166 B	176 C
97 A	ע 107	117 D	127 B	137 B	147 C	157 C	167 D	177 B
98 C	108 D	118 C	128 C	138 C	168 C	158 A	168 A	178 B
99 B	109 B	119 C	129 D	139 A	149 B	159 13	169 A	179 -3
100 A	110 C	120 D	130 A	140 D	150 D	160 C	170 D	180 C