INDIAN HOMOEOPATHIC MEDICAL ASSOCIATION

KERALA STATE CHAPTER

KERALA STATE MODEL MD(Hom) ENTRANCE EXAM. 9th Jan. 2011

Paper.1

INSTRUCTIONS

Time Allowed: 1 Hour and 30 minutes

Maximum Marks: 600

1. DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO.

2. Please verify that your test booklet contains 16 pages, including answer sheet.

3. This Test Booklet contains 150 items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.

4. You have to mark all your responses by shading the bubbles on the separate Answer Sheet provided. DO NOT write anything on the Answer sheet.

5. Negative Marking: In order to discourage wild guessing, the score will be subject to penalization formula based on the number of right answers actually marked and the number of wrong answers marked. Each correct answer will be awarded 4 mark. 1 mark will be deducted for each incorrect answer. More than one answer marked against a question will be deemed as an incorrect response and will be negatively marked. No negative marks for un attended questions

6. The Answer key along with the results of this exam will be published in our website www.ihma.in

7. Please note the matching ROLL NUMBERS given in your question booklet and answer sheet

ROLL NUMBER

1) Empty, faint feeling in stomach with loathing of food and obstinate constipation with no stool combination that must generally desire for is а have a) Alumina b) Opium c) Hydrastis d) Anacardium 2) The extreme restlessness of the limbs is like Ars and it is a deep acting medicine like Ars., and it sometimes has cured where Ars. has failed although it seemed well selected a) Ars iod d) Calcarea Ars b) Tarentula c) Anthracinum 3) Potatoes and starchy foods disagree with the ------ patient like Alumina., according to Dr. Kent b) Colocynth a)Bryonia c) Natrum Sulph d) Natrum Mur 4) In its chronic manifestations is overburdened with heat, but in an acute trouble is chilly c) Merc sol a)Pulsatilla b)Silicea d) Natrum Mur 5) Which patient is "sensitive to cold and there is a marked lack of vital heat" but at the same time "sensitiveness to a warm atmosphere when there are head and spine symptoms" a) Sepia b)Lycopodium c) Merc sol d) Ledum pal 6) "In acute complaints there is violent thirst, in chronic complaints thirstlessness." The remedv is a)Pulsatilla & Apis c) Camphor & Apis d) Camphor & Ars Alb b) Ars Alb & Apis 7) He goes into a rage when he sees the doctor, saying: "Go home, I am not sick, I did not send for you." The remedy is a) Arnica only b) Arnica & Apis c) Arnica & Bryonia d) Arnica & Stram 8) Children are late in learning to talk and walk, thus combining the features of two remedies, Natrum muriaticum, which has the symptom "late learning to walk" and Calcarea carb, which has the symptom "late learning to talk". Remedy is a)Borax b) Agaricus c) Natrum carb d) Causticum 9) Remedy "is the very opposite of all things fastidious. Arsenicum is the typical fastidious patient, and these two remedies are the extremes of each other". Kent speaks about Arsenic and a)Sulphur b)Capsicum d)Psorinum c) Merc sol 10) "The rattling in the chest is as marked as in Antimonium tartaricum; the tenacious mucus is as copious, as gluey and stringy as in Kali bichromicum" in a)Kali-sulph b) Senega c) Kali-iod d) Causticum 11) In which remedy do you find rectal symptoms with "we find the haste of Sulphur, the flatulence of Oleander. and Aloe, and difficulty of expelling a soft stool like Alumina, China and Nux moschata"? a)Psorinum b) Podophyllum c) Lycopodium d) Veratrum Alb 12) "Hysterical subjects may not have chorea constantly, but as soon as she retires at night

12) "Hysterical subjects may not have chorea constantly, but as soon as she retires at night the whole of the side lain on will commence to jerk and prevent her from going to sleep". Remedy is

a)Ignatia	b) Agaricus	c) Tar	entula Hispanica		d) Actea Racemosa					
13) Nausea from Me a)Borax	ental Exertion, thinkin b) Natrum Mur	g etc. is	s found in c) Natrum Ca	arb	d) Natrum Phos					
14) "Complaints dev a)Bryonia	velop slowly, i.e. , slov b) Rhus Tox	wly for	acute condition c) Ferrum Ph		d) Kali Mur					
15) Pains are increa a)Coffea only	-	omica	c) Nux vomio	ca only	d) None of the above					
16) "The chill also is peculiar as I have observed it. It is not a shaking chill, but is simply <i>creeping chilliness</i> . Often when this creeping chilliness is felt it is the first symptom of a cold that has been taken, and, if left alone, the coryza, sore throat, bronchitis or even pneumonia may follow". The remedy according to Dr. Nash is										
a)Nux-vom	b) Hepar sulph	j		rc sol	d) Ars Alb					
17) "the peculiar, prominent and uncommon (as Hahnemann says, Organon, paragraph 153) symptom is, photophobia, intense, out of all proportion to the objective signs of inflammation in the eye" is found in										
a)Belladonna	b) Conium		c) Ruta		d) Onosmodium					
18) "There is one very characteristic symptom, the patient moves continually, can't sit or stand still a moment. Instead of fidgety feet, like Zincum, he is fidgety all over". The remedy is										
a)Phosphorus	b) Agaricus		c) Kali iod		d) Kali brom					
	19) "Frequent ineffectual desire to stool, with much pain and straining, with redness of									
face." is found in a)Causticum b) Nux vom			c) Bromium		d)Mercsol					
20) "Nearest specific in cholera morbus" according to Nash is a)Camphor b) Antim tart c) Ipecac d) Croton tig										
21) Remedy for painful enlargement of breasts when Lachesis and sulphur fail to relieve a) Sanguinaria b) Sepia c) Lac. Can d) Bryonia										
22) Bad effects of ea a) Dulcamara	-		c) Cicuta		d) Hepar					
23) Fluttering of hea a) Kalmia	art felt in throat b) Cactus		c) Digitalis	d) Phy	yostigma					
24) Match the follow 1. Child vomits after mother has be	as soon as it was nur	sed,	A. Chamomilla							
2. Convulsions	of children from nursi	ng,	B.Opium							
	of children from nursi	ng,	C.Nux vomica							
after a fit of fright ir 4. Complaints in	n mother. n children from anger	,	D. Va	leriana						

especially chill and fever. a) 1-C, 2-D, 3-B, 4-A b) 1-B, 2-C, 3-D, 4-A c) 1-D, 2-A, 3-B, 4-C d) 1-D, 2-C, 3-B, 4-A
25) Pulsation of superciliary muscles a) Ruta b) Physostigma c) Cina d) Causticum
26) Louquacity & Delirium from eating acid fruits a) Acid.phos b) Verat.alb c) Lacesis d) Podophylum
27) Asthma worse in foggy weather and relieved by profuse perspiration a) Chamomilla b) Natrum sulph c) Hypericum d) Thuja
28) Cannot eat meat, it causes eructations, pruritis a) Ant.crud b) Rumex c) Staphysagria d) Selenium
 29) Match the following 1. Asthma dates from measles or pertussis of childhood A.Psorinum 2. Asthma, want of breath in those in those who use B. Coca tobacco & whisky in excess 3. Asthma, dyspnoea despondent, thinks he will die C.Lobelia 4. Asthma with every labour pain, seems to neutralize the pain D.Carbo veg a) 1-C, 2-A, 3-D, 4-B b) 1-D, 2-B, 3-A, 4-C c) 1-C, 2-A, 3-D, 4-B d) 1-B, 2-B, 3-D, 4-C
30) Sleep prevented by pulsation in all vessels, worse abdomen. a) Belladona b) Acet.acid c) Verat.virdae d) Selinum
 31) Everything of a morbid nature that is curable makes itself known to the physician by disease- symptom. Which aphorism mentions this? a) 12, b) 13 c) 14 d) 21
32) A person who is to be mesmerised should not wear a) linen b) cotton c) silk d) magnet
33) "Totality is the sole guide nin choice of remedy a) 15 b) 16 c) 17 d) 18
34) Which aphorism mentions about accessory miasm a) 45 b) 46 c) 47 d) 48
35) Which aphorism mentions about the diet of the provera) 124b) 125c) 126d) 127
36) No : of aphorism in the second edition of organon of medicinea) 312b) 315c) 318d) 321

37) Which aphorism explains the natures law a)22 b)26 c) 28 d) 29 38) Which is symptomatic treatment a) Homoeopathy b) antipathy c) allopathy d) tautopathy 39) Causa occasionalis is mentioned in which aphorism a)5 b)6 c)7 d) 8 40) The doctrine of signature is mentioned in aphorism a)109 b)110 c)111 d) 112 41) Types of acute diseases are mentioned in aphorism a)70 b)71 c)72 d)73 42) Mental diseases are of ------ in origin a) syphilitic b) pseudopsoric c) psoric d) sycotic 43) It is wrong to employ complex means when simple means suffice a)271 b)272 c) 273 d) 274 44) Number of aphorisms in III rd Edition of Organon a) 315 b) 317 c) 319 d) 321 45) The aphorism which mentions Idiosyncrasy a)112 b)114 c) 115 d)117 46) Genus epidemicus is mentioned in which aphorism a)97 b)98 c)99 d) 100 47) Secondary symptoms of psora are mentionewd in which aphorism a)79 b)80 c)81 d) 82 48) Which edition of organon was published in the year 1810 a)I b)II c)III d) IV 49) Which edition of organon introduces first the concept of Chronic Miasm a)I b) II c)III d) IV 50) The state of disposition of the patient often chiefly determines the selection of remedy a) 209 b)210 c)211 d) 212 51) In which edition of organon is the Introduction part first seen a)I b)II c)III d) IV 52) Which aphorism deals with local maladies

a)173 b)174 c)175 d) 176 53) Which aphorism mentions about the neccesity to prove in healthy people a)106 b)107 c) 108 d) 109 54) Which edition of organon appeared posthumously b)IV a)I c)V d) VI 55) The no : of aphorisms in the first edition of organon a) 270 b)271 c) 272 d) 273 56) Which aphorism in VIth edition mentions about positive mesmerism a) 287 b) 288 c) 292 d) 293 57) In which aphorism of the VI th edition is 50 Millesmal scale mentioned a) 270 b)271 c) 272 d) 273 58) The concept of vital principle is found in which edition a)I b)IV c)V d) VI 59) Which aphorism deals with insanity caused by fright, vexation or abuse of spirituous liquors a) 220 b)221 c) 224 d) 225 60) Homoeopathic specific remedy is mentioned in aphorism a)144 b)145 c) 146 d) 147 61) The word "Yalephed" for old itch was used bya) Alexandrians b) Plato c) Moses d) Jonathan, 62) Hahnemann's medical essays were published first in a) Hufeland's journal b) Crells'chemical Annals c) Der arzinger d) Kreb's medical observations 63) The idea of preparation of the antisyphilitic remedy is given by Master Hahnemann ina) First edn of MM Pura. b) First edn of Chronic Diseases. c) Second edition of Chronic Diseases. d) Second edn of MM Pura. 64) In a C/C case after the administration of a similimum, the inference was as followspatient had a severe < with worsening of his general symptoms, for which he was brought back to the physician after a short period of time The best possible explanation isa) Physiaian should wait. b) Homeopathic <, which will subside by its own. c) Medicine was deep & potency was high. d) Antidote the effects with a more correct similimum. 65) The idea of prophylaxis for the coming generations can be enunciated with Homoeopathic treatment by giving anti miasmatic treatment during child bearing period can be read in which among the following-

a) 284 6th edition b) 284 5th edn c) FN of 284 6th edn d) FN of 285 6th edn 66) Lucid interval is mentioned in aphorism a)210 b)217 c)229 d)219 67) 50 Millismal scale of preparation is mentioned in aphorism a)270 b)268 c)269 d)253 68) Meaning of the word 'Non inutilis vixi"is a) My mission is accomplished b) For the suffering humanity c) Ultimate aim is cure d) Not lived invain 69) Alternating diseases belong to the domain of: c) Chronic diseases d) Sycosis, Syphilis a) Psora b) Sycosis 70) Only one wart on left index finger is a/an: b) External one sided disease a) Internal one sided disease c) Artificial chronic disease d) False chronic disease 71) Which one of the following is not written by Guernsey

- a) Desires and aversions
- b) Repertory of Haemorrhoids
- c) Repertory of Rheumatism
- d) Repertory of mastitis

72)Match the followingA.Repertory of Modalities1.PulfordB.Repertory of Urinary organs2.O.M.DrakeC.Repertory of Rheumatism3.WorcestorD.Repertory of Foot sweat4.Morgana) A1,B2,C3,D43.Worcestor

- b) A3,B4,C1,D2
- c) A2,B3,C4,D1
- d) A3,B4,C2,D1

73)Which one of the following card repertory follows Boenninghausens work

- a) M.L.Tyler's Punched card Repertory
- b) Loose punched card repertory-Welch & Houston
- c) Sashi Mohan Sharma's card Repertory
- d) Card Repertory by Marcos Jaminez

74)Systematic Alphabetical Repertory is written by

- a) Glazor
- b) Clofar Muller
- c) Bryant
- d) Cipher

75)First original Repertory in French is written by

- a) Laffitte
- b) Mure

- c) P.F.Curie
- d) Possart

76)Which one of the following is an alphabetical Repertory

- a) Phatak Repertory
- b) Kent's Repertorium Generale
- c) Times of the remedies and moon phases
- d) Synthetic repertory

77)Repertory of Headaches is written by

- a) Yingling
- b) Lutze
- c) Knerr
- d) Guensey

78) The book version of Synthesis is published on

- a) 1993
- b) 1995
- c) 1973
- d) 1998

79) Which one of the following is considered as the 7th edition of Kent's Repertory

- a) Repertorium Universale
- b) Complete Repertory
- c) Final General Repertory
- d) Homoeopathic Medical Repertory by Murphy

80)Who introduced evaluation of drugs on card repertory?

- a) P.Sankaran
- b) Sashi Mohan Sharma
- c) Marcos Jaminez
- d) M.L.Tyler

81)"Repertory to Hering's Guiding symptom" is an example of

- a) Card repertory
- b) Clinical repertory
- c) Concordance repertory
- d) Therapeutic repertory

82) 1st version of Synthesis came out in the year

- a) 1987
- b) 1993
- c) 1980
- d) 1992
- 83) 1st Repertory by Boenninghausen

- a) Therapeutic pocket book
- b) Repertory of the medicines which are not antipsorics
- c) Verwandschaften repertorium
- d) Repertory of Antipsorics

84) Which one of the following is not written by Dr.Boger

- a) General analysis
- b) Synoptic key
- c) Times of the remedies and moon phases
- d) A systematic alphabetic Repertory of Homoeopathic remedies

85)Repertory of more characteristic symptoms of the material medica is written by

- a) A.Lippe
- b) C.Lippe
- c) Possart
- d) Jahr

86) Ist Card Repertory was available to the profession in which year. a) 1888 b) 1892 c) 1896 d)1893

87) Size of the card in Jugal Kishore's Card Repertory is. a) 9"x3"" b) 9"x2 c) II"x3" d)iix2"

88) 1st Indian edition of Murphy's Repertory is in the year. a) 1973 b) 1974 c) 1994 d) 1993

89) Concise Repertory of Homoeopathic medicine published by.a) Murphyb) Phathakc) Boericked)Clarke

90) Total number of chapters in Knerr's Repertory is. a) 38 b) 48 c) 47 d)37

91) Rubric perspiration gives no relief is given in which chapter of Kent's repertory a) Chill b) Perspiration c) Fever d) Generalities

92) Asphyxia neonatorum is given in which chapter of boger's repertory
a) Respiration b) Chest c) Larynx and trachea d) Sensations and complaints
93) Remedy for cough ameliorated by eructation in Kent's repertory
a) Sang b) Nux v c) Sep d) Sulph
94) Rubric falling to the ground with consciousness is given in Boger's repertory
a) Mind b) Vertigo c) Sensorium d) Sensations and complaints

95) Rubric cracks in the corners of mouth is given in which chapter of kents repertorya) Mouthb) Facec) Skind) Generalities

96) Remedy for well says he is when very sick in Kent's repertory a) Arn b) Lyco c) Nat-m d) Opium

97) Gentry's Repertory of Concordance consists of volumes. a) Two. b) Five. c) Six. d) Eight.

98) 'Repertory of Hemorrhoids' was written by:a) Gentry.b) Kent.c) Guernsey.d) Hering.

99) Repertory of 'Fevers' was published by:a) T.F. Alien.b) H.C. Alien.c) WA. Alien .d) Milton.

100) 'C.M. Boger's Synoptic Key with Repertory' was published in the year: a) 1931. b) 1936. c) 1898. d) 1930.

101) Nerve supply of pyramidallis muscle isa) illioinguinal b) subcostal c) genitor femoral d) none

102) Which muscle is called Ansa cervicallis innervates a) mylohyoid b)cricothyroid c)stylohyoid (d)sternohyoid

103) Strongest ligament of the bodya) inguinal ligament b) lacunar ligament c) ligamentum flavum (d) lacunar ligament

104) Sympathetic innervations of the heart is by a)T1-T3 b) T2-T6 c) T3-T7 d) L1-L5

105) Which one of the following muscle does not develop from the second pharyngeal arch

a) Posterior belly of digastrics b)Biceps brachi. c) Brachialis. d) Flexorcarpi ulnaris.

106) Tracheal bifurcation at the level of vertebrae on deep inspiration

a) T6-7 b) T3-4 c) T5-6 d) T4-5

- 107) The sphenoid air sinus open in to
 - a) Middle meatus b) sphenoethamoidal recess c) inferior meatus d) bullae ethamoidalis
- 108) Patient having an acute cardiac failure do not show oedema because

a)plasma oncotic preasure is high b)there is renal compensation c) there is an increase in cardiac output (d) there is a fall in systemic hydrostatic preasure

109) Correct susceptibility of different types of nerve fibers to local anaesthetics

a) B>C>A (b) A>B>C (c) C>A>B (d) C>B>A

110) Which sensory system might be more important for maintaing a persons when he is running against the wind than when he is running with the wind a) Vestibular apparatus b)proricepters in the neck (c) exterioceptive system (d) ear

111) Iron transported in sertoli cells is done by

- a) Transferitin (b) androgen binging protein (c) alpha-2glycoprtein (d)glycosylated sulphoprotein
- 112) Lipase enzyme is not present in
 - a) Saliva (b) pancreatic juice (c) succus entricus (d) gastric juice

113) Normal arterial oxygen concentration is

a) 100% (b) 95-98% (c) 90-95% (d) 80-85%

114) The resting membrane potential of the cell is established by all of the following except

- (a) the Na-K+ pump
 (b) out ward movement of Na- ions
 (c) inward movement of K+ ions
 (d) a net inward movement of K+ iones
 115) the biochemical test in thyamine deficiency is
 - a) FIGLU test (b) histidine test
 - (c) erythrocyte transketolase test (d) ferric chloride test

116) Which one of the following enzyme act as respiratory catalyst

- (a) B2 (b) pyridoxine (c) B12 (d) C
- 117) metabolites in HMT shunt are all except
 - (a) carbon dioxide (b) sedoheptulose phosphate
 - (c) NADPH (d) glycerol 3 phosphate
- 118) urea is formed in
 - a)brain (b) kidney
 - (c) liver (d) intestine

119) csf to plasma glucose level is

- a) 2.0-2.4 (b) 0.6-0.8
- (c) 1.2-1.4 (d) 0.2-0.34

120) Which one of the following element is known to influence the bodies abilities to handle oxidative stress

- a) Selenium (b) iron
- (c) potassium (d) Calcium
- 121) Match the following
 - 1. Rose apple A. Cistus canadensis

- 2. Rock rose B. Eugenia vulgaris
- 3. Rose laurel C. Rhododendron
- 4. Snow rose D. Oleander
- a) 1-B, 2-A, 3-D, 4-C
- b) 1-D, 2-A, 3-B, 4-C
- c) 1-D, 2-B, 3-C, 4-A
- d) 1-C, 2-D, 3-A, 4-C
- 122) Match the following
- 1. Bitter cucumber A. Amygdala amara
- 2. Bitter almond B. Colocynth
- 3. Bitter orange C. Partheniumhysterophorus
- 4. Bitter broom D Citrus vulgaris
 - a) 1-D, 2-B, 3-A, 4-C
 - b) 1-B, 2-C, 3-D, 4-A
 - c) 1-C, 2-A, 3-D, 4-B
 - d) 1-B, 2-A, 3-D, 4-C
- 123) Alcohol is preserved in the bottle made of
 - a) Actinic glass b) Pyrex glass c) Guttapurcha d) Borocil
- 124) Fundamental rule in classII preparation is
 - a) Belladona b) Scilla c) Thuja d) Staphysagria
- 125) Which external application acts on thermal principles
 - a) Cerates b) Cataplasms c) Fomentations d) Opodeldocs
- 126) Which one of the following is a spinal irritant
 - a) Aconite b) Nux vom c) Cannabis sativa d) Opium
- 127) Match the following, alkaloids and active principles
 - 1. Agaricus A. Santonine
 - 2. Cina B. Strychinine
 - 3. Physostigma C. Eserine
 - 4. Ignitia D. Muscarine
 - a) 1-C, 2-D, 3-B, 4-A
 - b) 1-C, 2-D, 3-A, 4-B
 - c) 1-D, 2-A, 3-B, 4-C
 - d) 1-D, 2-A, 3-C, 4-B
- 128) Match the following

- 1. 1 OunceA. 4ml2. 1desert spoonB. 8ml
- 3. 1 teaspoon C. 15ml
- 4. 1table spoon D. 30ml
 - a) 1-D, 2-A, 3-D, 4-C
 - b) 1-D, 2-B, 3-A, 4-C
 - c) 1-C, 2-A, 3-D, 4-B
 - d) 1- D, 2-C, 3-B, 4-A

129) Most serviceable size of globule for need of homoeopathic physician.

- a) No. 10 globules
- b) 500 globules weighing 1 grain
- c) 100 globules weighing 1 grain
- d) 450 globules weighing 1 grain
- 130) For preperation of mercol which alcohol is used
 - a) Absolute alcohol b) Strong alcohol c) Dilute alcohol d) Proof spirit
- 131. Infant Mortality Rate (2006) in kerala & India are respectively -
 - (a) 15 & 57 (b)21 & 68 (c)14 & 72 (d) 9 & 54
- 132. According to WHO, a Maternal Death is defined as-
 - (a) "The death of a women while pregnant or with in 42 days of termination of pregnancy."
 - (b) Death from any cause related to or aggravated by management pregnancy
 - (c) Death of a pregnant women from rupture of a Tubal pregnancy
 - (d) All of the above.
- 133. Which among the statement s true-
 - (a) April 1977, India was declared Smallpox-free by an International Commission.
 - (b) India eradicated Dracunculiasis in February 2000.
 - (c) Under RNTCP, achievement of at least 85% Cure Rate of infectious cases of Tuberculosis through supervised DOTS therapy.
 - (d) All of the above

- 134. The minimum recommended concentration of Free chlorine after chlorination is
 - (a) 0.8 mg/L for one hour.
 - (b) 0.5 mg/L for one hour.
 - (c) 0.05 mg/L for one hour.
 - (d) 0.08 mg/L for one hour.
- 135. Sentinel Surveillance is exactly -
 - (a) Monitoring
 - (b) Evaluation of control
 - (c) A method for identifying the missing cases.
 - (d) None of these.
- 136. According to the Modern concepts of an Epidemic is defined as-
 - (a) "The occurrence very large No of cases in a community".
 - (b) "The occurrence in a community or region of cases of an illness or other health-related events clearly in excess of Normal expectancy."
 - (c) "The Occurrence in a community or region of cases with Short-term fluctuations."
 - (d) All of the above.
- 137. Incubatory, Convalescent & Healthy Carriers occurs more in-
 - (a) Measles
 - (b) Typhoid fever
 - (c) Diphtheria
 - (d) Cholera
- 138. Which among the following act as Best disinfectant.
 - (a) Cresol
 - (b) Pure Phenol
 - (c) Sunlight
 - (d) Pure Alcohol

- 139. Which among the following statement is more correct-
 - (a) Congenital Rubella Syndrome (CRS) consists of classical triad of Deafness; Cardiac malformations & Cataracts.
 - (b) Rubella infection occurring during First trimester of pregnancy result in abnormalities in the infant in about 85% of cases.
 - (c) Detectable defects are found in about 16% of infants, if maternal Rubella Infection occurs during the second Trimester.
 - (d) All of the above.

140. A daily exposure to a noise (maximum)with out substantial damage to hearing is-

- (a) 60-65 dB
- (b) 85 dB
- (c) 20-40 dB
- (d) 100 dB.
- 141. The working of a Septic tank is
 - (a) The first stage, *Anaerobic digestion* takes place in the septic tank proper.
 - (b) Second stage, *Aerobic oxidation* takes place outside the septic tank in the sub-soil.
 - (c) The first stage, *Anaerobic digestion* takes place outside the septic tank in the sub-soil.
 - (d) Both A & B are correct.
- 142. Which among the following statement is correct-
 - (a) *Culex* Mosquito breed profusely in dirty water collections.
 - (b) Anopheles mosquito lays eggs singly and the eggs are boat-shaped
 - (c) Mansonia mosquito breed usually in artificial accumulations of water.
 - (d) Both A & B are correct.
- 143. House flies transmit disease in the following ways:-
 - (a) Mechanical transmission
 - (b) Vomit drops

- (c) Defecation
- (d) By Mechanical transmission, Vomit drops & Defecation
- 144. The uses of Growth Chart
 - (a) Growth monitoring
 - (b) Diagnostic stool
 - (c) Planning & Policy making
 - (d) All of the above.
- 145. Which among the following IUD are increased duration of effectiveness.
 - (a) The levonorgestrel releasing IUD
 - (b) ML-Cu-250
 - (c) Copper T-200.
 - (d) T Cu-220 C

146)The ESI act provides For the employees

- a) Medical benefit (b) Maternity benefit
- b) Funeral benefit (d) All above.
- 147) Anganwadi workers of ICDS scheme are selected
 - a) From the community itself B) From the other district
 - b) Nominated by LSG D) None as above

148) In the NRHM the ASHA promotes good health practices and they are provided with...... a) Stethoscope b) Syringe c)Drug kit d) Thermometer

- 149) The most cost effective family planning method is
 - a) Vasectomy b) Tubectomy c)Copper T d) Oral pills
- 150) Benefit under the ESI act to an insured person in the case of sickness is payable for a continues maximum period of ---- days, the daily rate being ---- of the average daily wages.
 a) 01 and 5(12 are b)181 and 7(12 are c)01 and 7(12 are d) 181 and 5(12 are c)01 and 7(12 are d) 181 and 5(12 are c)01 and 7(12 are c)01 are c)01 and 7(12 are c)01 are c)01 and 7(12 are c)01 are

a) 91 and 5/12 b)181 and 7/12 c)91 and 7/12 d) 181 and 5/12

Answer Key									
Paper - 1									
p									
1	С	31	С	61	С	91	D	121	А

2	В	32	С	62	D	92	А	122	D
3	В	33	D	63	D	93	A	123	В
4	A	34	В	64	D	94	В	124	С
5	В	35	В	65	С	95	В	125	С
6	D	36	В	66	С	96	A	126	В
7	В	37	В	67	A	97	С	127	D
8	В	38	В	68	D	98	С	128	В
9	А	39	С	69	С	99	В	129	С
10	В	40	В	70	В	100	A	130	A
11	A	41	D	71	С	101	В	131	A
12	D	42	С	72	В	102	D	132	D
13	A	43	D	73	D	103	D	133	D
14	A	44	С	74	В	104	В	134	В
15	В	45	D	75	А	105	А	135	С
16	С	46	D	76	A	106	С	136	В
17	В	47	С	77	С	107	В	137	С
18	A	48	A	78	A	108	D	138	A
19	А	49	D	79	С	109	D	139	D
20	В	50	С	80	С	110	С	140	В
21	А	51	А	81	С	111	В	141	D
22	С	52	В	82	A	112	D	142	D
23	D	53	С	83	D	113	В	143	D
24	D	54	D	84	D	114	D	144	D
25	С	55	В	85	В	115	С	145	А
26	D	56	D	86	В	116	D	146	D
27	С	57	А	87	А	117	D	147	А

28	В	58	В	88	С	118	С	148	С
29	В	59	В	89	В	119	В	149	А
30	D	60	D	90	В	120	А	150	С

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