



Atal Medical & Research University, H.P.

(A State Govt. University)

(SLBS Govt. Medical College & Hospital Campus, Ner Chowk, Mandi, H.P.)

Website:- www.amruhp.ac.in , Email: coemedicaluniv.mandi@gmail.com, Phone No. 01905-243967

Revised Answer Keys for MSc Nursing Entrance Test held on 31st October, 2021

1. c	32. b	63.b	94.b	125. a
2. d	33. c	64.d	95.b	126. b
3. b	34. b	65.a	96.b	127. c
4. d	35. c	66.a	97.c	128. d
5. b	36. c	67.b	98.a	129. a
6. c	37. a	68.a	99.b	130. b
7. b	38. c	69.d	100. b	131. c
8. c	39. c	70.a	101. b	132. a
9. a	40. c	71.b	102. b	133. b
10.b	41.c	72.b	103. b	134. b
11.c	42.d	73.a	104. b	135. a
12.b	43.c	74.d	105. c	136. d
13.b	44.a	75.a	106. b	137. a
14.c	45.d	76.c	107. b	138. a
15.a	46.a	77.b	108. c	139. One mark to all candidates
16.d	47.c	78.d	109. a	140. c
17.d	48.c	79.d	110. b	141. d
18.a	49.d	80.b	111. a	142. b
19.b	50.a	81.d	112. a	143. d
20.c	51.d	82.d	113. b	144. a
21.d	52.b	83.b	114. d	145. a
22. d	53.b	84.a	115. d	146. b
23. a	54.c	85.a	116. d	147. b
24. a	55.c	86.a	117. b	148. c
25. a	56.b	87.d	118. b	149. c
26. c	57.a	88.a	119. b	150. a
27. a	58.d	89.d	120. d	
28. d	59.b	90.d	121. b	
29. a	60.d	91.b	122. b	
30. d	61.a	92.d	123. d	
31. c	62.d	93.d	124. d	

(To be written by the candidate)

BOOKLET NO. : N^o 010210

ROLL NO. (IN FIGURES) _____

ROLL NO. (IN WORDS) _____

Name of the Candidate : _____

Father's Name : _____

Centre of Examination : _____

Total No. of Questions : 150

Total No. of Pages : 26

**M.Sc. (NURSING) DEGREE COURSE
ENTRANCE TEST, 2021
Code No. 2113**

Time Allowed : 2 Hours

Maximum Marks : 150

IMPORTANT NOTE:

- (i) OMR Answer Sheet will be supplied by the Examination Centre Superintendent for answering the questions.
- (ii) **Use Blue/Black Ball Pen** only to darken the appropriate circle /oval in the OMR Answer Sheet. No sophisticated pens are allowed.
- (iii) Darken one circle/oval deeply for each question in the OMR Answer Sheet, as faintly darkened circle might be rejected by the Optical Scanner.
- (iv) Darkening of more than one circle shall be rejected by the scanner.
- (v) Before dealing with the question paper, fill-up the required information with Blue/Black Ball Pen correctly both in the Question Booklet and in the OMR Answer Sheet.
- (vi) Do not fold the OMR Answer Sheet nor put any mark here and there to avoid rejection by the Optical Scanner.
- (vii) Write Roll No. carefully on the OMR Answer Sheet and darken the appropriate circle/oval properly.
- (viii) **Each question carries One Mark.**
- (ix) **There will be No Negative Marking.**
- (x) Use of calculator is not allowed.
- (xi) Rough work is to be done on the sheet(s) at the end.
- (xii) Mobile phones (even on switch-off mode) and such other electronic devices are not allowed inside the examination hall.
- (xiii) **NO OVER-WRITING, CUTTING, ERASING OR USE OF WHITE FLUID IS ALLOWED.**
- (xiv) **THE QUESTION PAPER-BOOKLET WILL BE RETAINED BY THE CANDIDATE AFTER THE ENTRANCE TEST IS OVER.**
- (xv) Question No. 1 to 20 Fundamentals of Nursing; 21 to 40 Medical Surgical Nursing; 41 to 60 Psychiatric Nursing; 61 to 80 Pediatrics Nursing; 81 to 100 Midwifery & Gynecology; 101 to 120 Community Health Nursing; 121 to 130 Anatomy & Physiology; 131 to 135 Nutrition; 136 to 140 Pharmacology; 141 to 145 Microbiology; 146 to 150 General Knowledge.

SEAL

1. Which of the following factors does not affect microbial growth?
 - a. Moisture
 - b. Disinfection
 - c. Darkness
 - d. Temperature

2. Following are the properties of the myocardium, EXCEPT:
 - a. Excitability
 - b. Automaticity
 - c. Conductivity
 - d. Palpitation

3. RR interval is used to determine the:
 - a. Ventricular rhythm
 - b. Ventricular rate
 - c. Atrial rhythm
 - d. Atrial rate

4. The classic characteristics of atrial flutter are:
 - a. More than one P wave before a QRS complex.
 - b. Saw-Tooth pattern of P Wave.
 - c. Atrial rate of 250 to 350 bpm (beat per minute)
 - d. All of the above

5. Multifocal atrial tachycardia is more frequently seen in patient with:
 - a. Cardiac myopathy
 - b. Chronic obstructive pulmonary diseases
 - c. Diabetic mellitus
 - d. Chronic Kidney disease

6. Which of the following is the best investigation for hypothyroidism?
 - a. T3 and T4 levels
 - b. TRH Levels
 - c. TSH Levels
 - d. Radioactive iodine uptake

7. The glands that regulate the rate of oxygenation in the body cells is:
 - a. Pituitary glands
 - b. Thyroid glands
 - c. Adrenal glands
 - d. Pancreas glands

40. Mid-day meal is given to school children studying up to
- a. 2nd class
 - b. 5th class
 - c. 8th class
 - d. 10th class
41. Cervical softening and uterine soufflé are classified as:
- a. Diagnostic sign
 - b. Presumptive sign
 - c. Probable sign
 - d. Positive sign
42. FHR can be auscultated with a fetoscope as early as:
- a. 5 weeks gestation
 - b. 10 weeks gestation
 - c. 15 weeks gestation
 - d. 20 weeks of gestation
43. A client's LMP was July 6. Her EDD should be which of the following?
- a. January 2
 - b. March 28
 - c. April 13
 - d. October 12
44. When developing a plan of care for a client newly diagnosed with gestational diabetes, which of the following instructions would be the priority?
- a. Dietary intake
 - b. Medications
 - c. Exercise
 - d. Glucose monitoring
45. Pelvic rocking is an appropriate exercise in pregnancy to relieve which discomfort?
- a. Leg cramps
 - b. Urinary frequency
 - c. Orthostatic hypotension
 - d. Backache
46. While performing a pelvic examination on pregnant clients. Prepare your client for the procedure by:
- a. Ask her to void
 - b. Taking her vital signs and recording the readings
 - c. Giving the client a perineal care
 - d. Doing a vaginal prep

47. Chorionic villus sampling is carried out trans cervically at:
- a. 12-14 weeks
 - b. 14-16 weeks
 - c. 10-12 weeks
 - d. 8-10 weeks
48. Which of the following is defined as an abnormally large volume of amniotic fluid:
- a. Polyhydration
 - b. Polyhydramnitis
 - c. Polyhydramnios
 - d. Hydramnios
49. Post-partum vaginal discharge, containing blood, mucus, and placental tissue is known as:
- a. Liquor
 - b. Meconium
 - c. Locium
 - d. Lochia
50. When the presentation of the foetus changes from day to day is called:
- a. Unstable lie
 - b. Sub stable lie
 - c. Breech
 - d. Premature lie
51. Which of the following is not a complication of pre-eclampsia?
- a. Grand mal seizures
 - b. Cerebrovascular hemorrhage
 - c. Liver failure/rupture
 - d. They are all potential complications
52. Which of the following is a surgical method of induction of labor?
- a. Oxytocin
 - b. Amniotomy
 - c. Misoprostol
 - d. Syntocin
53. What is the name of the first secretion from the mother's breast following delivery?
- a. Sequestrum
 - b. Colostrum
 - c. Lochia
 - d. Leucorrhoea
54. Which of the following condition is screened by "Pap Smear"?
- a. Ovarian cancer
 - b. Endometrial cancer
 - c. Cervical cancer
 - d. Breast Cancer

55. Which one is the hazard of induction of labor with Pitocin?
- a. Elevation in blood pressure
 - b. Infection
 - c. Rupture of uterus
 - d. Early rupture of membrane
56. Which is the common ideal female pelvis?
- a. Android
 - b. Gynaecoid
 - c. Platypelloid
 - d. Anthropoid
57. What is the commonest cause of Postpartum Hemorrhage?
- a. Atonicity of uterus
 - b. Subinvolution
 - c. Birth Injury
 - d. Puerperal sepsis
58. Which test is commonly used to find out the number, motility and activity of sperm?
- a. Protein electrophoresis
 - b. CMP test
 - c. PCR test
 - d. Hohner test
59. When will the uterus normally reach the level of xiphisternum?
- a. 32 weeks
 - b. 36 weeks
 - c. 40 weeks
 - d. 42 weeks
60. What do you mean by fetal macrosomia?
- a. Birth weight less than 1.5 kg
 - b. Large size head of a newborn
 - c. Fetal distress
 - d. Birth weight more than 4.5 kg
61. Which of the following is autosomal dominant inherited disease?
- a. Polycystic kidney disease
 - b. Sickle cell anaemia
 - c. Thalassaemia
 - d. Phenylketonuria
62. Which of the following trait leads to G6PD deficiency?
- a. Autosomal dominant
 - b. Autosomal recessive
 - c. X linked dominant
 - d. X linked recessive

63. Which among the following age group the type-1 diabetes mellitus is uncommon?
- a. Toddler
 - b. Infants
 - c. Pre-schooler
 - d. Schooler
64. According to WHO which one of the following is secondary sign of syndrome of xerophthalmia?
- a. Corneal ulceration
 - b. Corneal xerosis
 - c. Bitot's spots
 - d. Corneal scars
65. Which is the commonest form of poliomyelitis?
- a. Asymptomatic
 - b. Absorptive
 - c. Non paralytic
 - d. Paralytic
66. Which among the following is the laboratory result of HIV/AIDS.
- a. CD4 count reduces
 - b. T lymphocyte count increases
 - c. WBC count increases
 - d. PCR is negative
67. Who among the following is typically directing the NICU?
- a. Paediatrician
 - b. Neonatologist
 - c. Nurse
 - d. Obstetrician
68. The most common presentation of a child with Wilm's tumour is?
- a. An asymptomatic abdominal mass
 - b. Haematuria
 - c. Hypertension
 - d. Haemoptysis
69. Injury to upper brachial plexus results in
- a. Klumpke's palsy
 - b. Phrenic nerve palsy
 - c. Facial palsy
 - d. Erb's palsy
70. A complication of oxygen therapy in preterm infants is:
- a. Retinopathy of prematurity
 - b. Atelectasis
 - c. Tachypnoea
 - d. Seizures

71. The total number of dosages of Vitamin A in children under 3 years of age is:
- a. 3
 - b. 5
 - c. 8
 - d. 10
72. What test is performed during follow up to assess effectiveness of treatment in insulin dependent diabetes?
- a. Haemoglobin electrophoresis
 - b. Glycosylated haemoglobin
 - c. Glucose tolerance test
 - d. Post prandial blood test
73. Which one is also known as bone marrow failure?
- a. Aplastic anemia
 - b. Alpha thalassemia
 - c. Haemolytic disease
 - d. Hereditary spherocytosis
74. What is the most common cause of motor impairment in children?
- a. Epilepsy
 - b. Spina bifida
 - c. Congenital myopathy
 - d. Cerebral palsy
75. Which of the following is insoluble in water but soluble in lipids?
- a. Unconjugated Bilirubin
 - b. Vitamin B
 - c. Stercobilinogen
 - d. Conjugated bilirubin
76. The most widely used treatment for neonatal Jaundice is what?
- a. Exchange Transfusion
 - b. Sulphonamides
 - c. Phototherapy
 - d. Diazepam
77. Which is of the following is not a symptom of Kwashiorkor?
- a. Angular stomatitis
 - b. Hyperkeratosis
 - c. Distended abdomen and enlarged liver
 - d. Flaky-paint skin rash

78. The commonest cause of ambiguous genitalia is:
- a. Craniopharyngioma
 - b. Turner's syndrome
 - c. Klienfelter's Syndrome
 - d. Congenital adrenal Hyperplasia
79. Which is oil in water or water in oil emulsion?
- a. Ointment
 - b. Emolient
 - c. Lotion
 - d. Cream
80. The most common cause of Epilepsy is what ?
- a. Neurodegenerative disorder
 - b. Idiopathic
 - c. Epilepsy
 - d. Dysdiadochokinesis
81. Interpersonal relationship in nursing is emphasized by
- a. Calista Roy
 - b. Imogine King
 - c. Linda Richard
 - d. Hildegard Papeleu
82. Partial or complete absence of memory is referred as
- a. Hypermnesia
 - b. Anaemia
 - c. Paramnesia
 - d. Amnesia
83. Hallucination is a disorder of
- a. Thought
 - b. Perception
 - c. Affect
 - d. Cognition
84. The delayed complication of ECT could be:
- a. Temporary amnesia
 - b. Anaemia
 - c. Diarrhoea
 - d. Vomiting
85. Behaviour modification is a type of:
- a. Behaviour therapy
 - b. Cognitive behavioural therapy
 - c. Humanistic therapy
 - d. Client centred therapy

86. According to the psychodynamic view dream analysis is one of the central tenets of:
- a. Psychoanalysis
 - b. Cognitive behaviour therapy
 - c. Humanistic therapy
 - d. Client centred therapy
87. Which of the following is not a symptom of mania?
- a. Elated Mood
 - b. Hyperactivity
 - c. Flight of ideas
 - d. Suicidal ideation
88. Paroxysmal cerebral dysfunction is seen in which of the following condition
- a. Epilepsy
 - b. Depression
 - c. Panic disorders
 - d. None of the above
89. Common side effects associated with anti-depressants is
- a. Impotence
 - b. Tremor
 - c. Mydriasis
 - d. All of above
90. All of the following are types of behaviour psychotherapy except:
- a. Systemic desensitization
 - b. Assertiveness therapy
 - c. Aversion therapy
 - d. Family therapy
91. Perception of a stimulus in the absence of an actual stimulus is known as:
- a. Illusion
 - b. Hallucination
 - c. Verbigeration
 - d. Delusion
92. Disturbance of affect include all except :
- a. Panic
 - b. Apathy
 - c. Phobia
 - d. Obsession
93. Mental status examination includes the following except:
- a. Appearance
 - b. Thought
 - c. Cognition
 - d. Diagnosis

94. The term Echolalia is characterized by
- Repetition of actions
 - Repetition of words and phrases of others
 - Recumbent uncontrollable thoughts or images
 - Persistent, irrational focus, accompanied by a compelling desire to avoid the stimulus
95. The type of delusion most commonly seen in manic patients is:
- Delusion of persecution
 - Delusion of Grandeur
 - Delusion of Guilt
 - Nihilistic delusion
96. The difference between neurosis and psychosis is:
- Severity
 - Insight
 - Clinical features
 - Duration of onset
97. Comorbidity occurs when:
- Several members of a family have the same mental health issue
 - An individual spends too much time thinking about death
 - A person suffers from more than one disorder at the same time
 - Nothing can be done to prevent a disorder from occurring
98. Trepanation was used in olden times to help "cure" psychological disorders by:
- Drilling holes in the skull
 - Using electric shock to "reset" the brain
 - Giving people more than one drug at the same time
 - Explaining that it is normal to be scared
99. Dysthymia appears to be a milder form of:
- Bipolar disorder
 - Clinical depression
 - Schizophrenia
 - Munchausen syndrome

100. Which of the following would be classified as a social-cultural influence in the bio-psycho-social model of illness?
- a. Neurotransmitters
 - b. Homelessness
 - c. Patterns of negative thinking
 - d. Genetic makeup of the individual
101. Lambdoid suture is formed between:
- a. Frontal and parietal bones
 - b. Parietal and occipital bones
 - c. Temporal and frontal bones
 - d. Temporal and parietal bones
102. Auditory area is located in:
- a. Parietal lobe
 - b. Temporal lobe
 - c. Occipital lobe
 - d. Frontal lobe
103. Sphenoidal sinus opens in to which part of nasal cavity?
- a. Lateral wall
 - b. Roof
 - c. Floor
 - d. Septum
104. Which of the following is the type of wrist joint is:
- a. Saddle joint
 - b. Condylar joint/ Ellipsoidal joint
 - c. Pivot joint
 - d. Hinge joint
105. All of the following structures are related to the anterior surface of right kidney EXCEPT:
- a. Right lobe of liver
 - b. Hepatic flexure of colon
 - c. Splenic flexure of colon
 - d. Duodenum
106. First heart sound occurs during which phase of cardiac cycle?
- a. Rapid ejection phase
 - b. Isometric contraction phase
 - c. First rapid filling phase
 - d. Isometric relaxation phase

107. Which of the following hormone is released from posterior pituitary?
- a. Growth hormone
 - b. Antidiuretic hormone
 - c. Adreno corticotropic hormone
 - d. Gonadotropic hormone
108. Which of the following hormones does NOT regulate serum calcium level?
- a. Parathyroid hormone
 - b. Calcitonin
 - c. Adrenaline
 - d. 1,25 - dihydroxy cholecalciferol
109. Which of the following is an example of Motor tract?
- a. Corticospinal tract
 - b. Dorsal column medial lemniscus pathway
 - c. Lateral spinothalamic tract
 - d. Anterior spinothalamic tract
110. How much is normal intraocular pressure?
- a. 5-10 mmHg
 - b. 10-20 mmHg
 - c. 25-30 mmHg
 - d. 30-40 mmHg
111. One of the following is a monounsaturated fatty acid
- a. Oleic acid
 - b. Linoleic acid
 - c. Linolenic acid
 - d. Arachidonic acid
112. Which of the following is a type of prevalence rate?
- a. Period prevalence
 - b. Time prevalence
 - c. Duration prevalence
 - d. Interval prevalence
113. Which scientific method often focuses on generating new hypotheses and theories?
- a. Deductive method
 - b. Inductive method
 - c. Hypothesis method
 - d. Pattern method

114. Which of the following is not a form of non-probability sampling?
- a. Snowball sampling
 - b. Convenience sampling
 - c. Quota sampling
 - d. Systematic sampling
115. World development Report is published by
- a. UNESCO
 - b. WHO
 - c. UNDP
 - d. World Bank
116. The term used to indicate the placebo effect in which the knowledge of being included in a study cause people to change their behaviours, thereby obscuring the variable of interest:
- a. Internal validity
 - b. Maturation
 - c. Manipulation
 - d. Hawthorne effect
117. Which of the following is parametric test?
- a. Chi square test
 - b. t test
 - c. Mann Whitney U Test
 - d. Wilcoxon Rank Sum Test
118. Factor analysis is used to check which type of validity of an instrument:
- a. Face validity
 - b. Construct validity
 - c. Criterion related validity
 - d. Predictive validity
119. A tentative explanation/statement of a declaration of the expected outcome of a research study based on observations is called:
- a. Analysis
 - b. Hypothesis
 - c. Relationships
 - d. Variables
120. Correlation coefficient ranges from:
- a. 0 to 1
 - b. 0.01 to 0.05
 - c. -3 to +3
 - d. -1 to +1

121. Eligibility for admission in post certificate B.Sc. nursing programme is except:

- a. GNM pass
- b. Have minimum 5 years' experience after GNM
- c. Medically fit
- d. Registered nurse registered midwife

122. Examples of three-dimensional teaching aids include all except:

- a. Models
- b. Posters
- c. Puppets
- d. Specimen

123. Principle of good administration includes:

- a. Division of work
- b. Unity of command
- c. Authority, responsibility and accountability
- d. All

124. Characteristics of planning in an administration includes following except:

- a. Continuity
- b. Flexibility
- c. Pervasiveness
- d. Rigidity

125. The word hospital is originated from:

- a. Latin word
- b. Greek word
- c. French word
- d. Unani word

126. Biotransformation is a process in which:

- a. An active drug is converted in to inactive substance
- b. A fat-soluble drug is converted in to water soluble compound
- c. A water-soluble drug is converted in to fat soluble compound
- d. A drug is excreted from the body

127. Na⁺ channels responsible for depolarization of sodium dependent myocardial fibres are:
- a. Ligand gated ion channels
 - b. Receptor linked ion channels
 - c. Voltage gated ion channels
 - d. Leaky channels
128. The morphological hallmark of cell death is:
- a. Loss of Golgi complex
 - b. Loss of reticuloendothelial system
 - c. Loss of mitochondria
 - d. Loss of nucleus
129. Free radicles are chemical species with:
- a. An unpaired electron
 - b. Nitrogen atoms
 - c. Free carbon atoms
 - d. Free hydrogen atoms
130. Mutations which occur in body cells which do not go on to form gametes can be classified as:
- a. Auxotrophic mutations
 - b. Somatic mutations
 - c. Morphological mutations
 - d. Oncogenes
131. Name the non-essential amino acid:
- a. Valine
 - b. Phenylalanine
 - c. Glutamine
 - d. Lysine
132. The concentration of which of the following is inversely related to the risk of cardiovascular disease?
- a. HDL
 - b. IDL
 - c. LDL
 - d. VLDL
133. All the following vitamins are produced from precursors in the human body EXCEPT:
- a. Vitamin A
 - b. Vitamin C
 - c. Vitamin D
 - d. Niacin

134. Which of the following has the highest calorific value?
- a. Glucose
 - b. Palmitic acid
 - c. Ethanol
 - d. Albumin
135. Conjugated hyperbilirubinemia and raised alkaline phosphatase levels are characteristic of:
- a. Obstructive jaundice
 - b. Physiological jaundice
 - c. Haemolytic jaundice
 - d. Viral hepatitis
136. Smallpox vaccine was first discovered by:
- a. Robert Koch
 - b. Louis Pasteur
 - c. Lister
 - d. Edward Jenner
137. Which of the following is oxidase positive bacteria?
- a. Pseudomonas
 - b. E. coli
 - c. Klebsiella
 - d. Staphylococcus
138. Temperature required for pasteurization is:
- a. Below 100° C
 - b. 110° C
 - c. 150° C
 - d. Above 150°
139. Blood agar medium is:
- a. Enrichment medium
 - b. Enriched medium
 - c. Selective medium
 - d. Differential medium
140. Rapid bacterial growth phase is known as:
- a. Decline phase
 - b. Lag
 - c. Log
 - d. None of the above
141. Which one of the following is not an example of artistic aptitude test?
- a. Graphic arts test
 - b. Musical aptitude test
 - c. Literary aptitude test
 - d. General aptitude test battery

142. Conflict that is associated with job, not with an individual:
- a. Substantive conflict
 - b. Affective conflict
 - c. Interpersonal conflict
 - d. Intergroup conflict
143. Which of the following is NOT a reaction to frustration?
- a. Withdrawal
 - b. Fixation
 - c. Aggression
 - d. Joy
144. Dominant traits of individual is called:
- a. Cardinal traits
 - b. Central traits
 - c. Secondary traits
 - d. all of above
145. Which of the following is the first stage of grief resolution as per Kubler-Ross?
- a. Denial
 - b. Anger
 - c. Bargaining
 - d. Depression
146. Who is the Chairperson of Niti Ayog?
- a. Shri Amit Shah
 - b. Shri Narendra Modi
 - c. Smt. Nirmala Sitaraman
 - d. Shri Anurag Thakur
147. Who is the Chairperson of HP Public Service Commission?
- a. Dr. Rachna Gupta
 - b. Shri Ajay Kumar
 - c. Er. Jai Prakash Kalta
 - d. Shri Jairam Thakur
148. Whom did Chanakya defeat to make Chandragupta king of Magadh?
- a. Samudragupta
 - b. Bindusar
 - c. Ghana Nand
 - d. Samrat Ashok
149. Which was the summer capital in British rule?
- a. Macleod Ganj
 - b. Dalhousie
 - c. Shimla
 - d. Nainital
150. Which country has reported maximum number of deaths due to Covid?
- a. USA
 - b. Brazil
 - c. India
 - d. Mexico

SPACE FOR ROUGH WORK

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SEAL