

OSSSC

Previous Year Paper
Nursing Officer 2021

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Part-I
ARITHMETIC: 10 Marks

Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.

1. A man completed a journey in 10 hours. He travelled first half of the total distance at the rate of 21 km/hr and second half at the rate of 24 km/hr. What is the total distance he travelled in kilometer?

(A) 220 km (B) 224 km (C) 230 km (D) 234 km

ଜଣେ ଲୋକ 10 ଘନ୍ତାରେ ଯାତ୍ରା ଶେଷକଲେ । ସେ ପ୍ରୟମାଣ ବାଟ୍ରା ଘନ୍ତାପ୍ରତି 21 କିଲୋମିଟର ଦେଗରେ 7ବଂ ଦ୍ଵିତୀୟାର୍ ବାଟ୍ରା ଘନ୍ତାପ୍ରତି 24 କିଲୋମିଟର ଦେଗରେ ଯାତ୍ରା କରିଥିଲେ । ପର୍ମାଦାୟ ସେ କେତେ କିଲୋମିଟର ଯାତ୍ରା କରିଥିଲେ ?

(A) 220 କି.ମି. (B) 224 କି.ମି. (C) 230 କି.ମି. (D) 234 କି.ମି.

2. A person crosses a 600 metre long street in 5 minutes. What is his speed in kilometer per hour?

(A) 3.6 (B) 7.2 (C) 8.4 (D) 10

ଜଣେ ଲୋକ 600 ମିଟର ଲମ୍ବ ବାଟ୍ରା 5 ମନ୍ଦିରରେ ଅତିକ୍ରମ କରନ୍ତି । ତାଙ୍କର ଘନ୍ତାପ୍ରତି ଦେଗ କେତେ କିଲୋମିଟର ?

(A) 3.6 (B) 7.2 (C) 8.4 (D) 10

3. What is the cube of $-1\frac{1}{3}$?

(A) $\frac{16}{9}$ (B) $\frac{-16}{27}$ (C) $\frac{-64}{27}$ (D) $\frac{64}{27}$

$-1\frac{1}{3}$ ର ଘନମଳ କେବେ ?

(A) $\frac{16}{9}$ (B) $\frac{-16}{27}$ (C) $\frac{-64}{27}$ (D) $\frac{64}{27}$

4. What is the ratio between 0.02 and 0.002 ?

(A) 1:10 (B) 1:100 (C) 100:1 (D) 10:1

0.02 ଓ 0.002 ର ଅନୁପାଦ କେତେ ?

(A) 1:10 (B) 1:100 (C) 100:1 (D) 10:1

5. After 4 years the principal amount of Rs. 12000 grows into Rs. 14,400. Find out the rate of simple interest?

(A) 3% (B) 5% (C) 4% (D) 6%

ସବୁ 12000 ଟଙ୍କାର ମୂଳଧନ 4 ବର୍ଷର 14400 ଟଙ୍କାରୁ ବୃଦ୍ଧି ହୁଏ, 6ଟେ ତାହାର ବାର୍ଷିକ ସରଳ ସୁଧହାର କେତେ ?

(A) 3% (B) 5% (C) 4% (D) 6%

6. What is the decimal of 9%?

(A) 0.9

(B) 0.009

(C) 0.09

(D) 0.0009

9% තුළින් පාඨමාලා ව්‍යුත්තෙකුව නොව නොදී?

(A) 0.9

(B) 0.009

(C) 0.09

(D) 0.0009

7. If the marked price of an article is Rs. 400/- and its sale price is Rs. 340/-, Find out the percentage of discount.

(A) 10%

(B) 15%

(C) 12%

(D) 18%

පරි පෙන්වා තුළින් නොව 400 රුපා / ජල් පිළිතුවා 340 රුපා / ඉහළ. යෙහි තුළින් පිහාට් නැව ගෙවෙනු නොදී?

(A) 10%

(B) 15%

(C) 12%

(D) 18%

8. If three-fifth ($\frac{3}{5}$) of 60% of a number is 36, then what is the number?

(A) 100

(B) 80

(C) 75

(D) 90

වත් පෙන්වා පාඨමාලා නොව නොදී පිහාට් ($\frac{3}{5}$) 36 ඉහළ. යෙහි පාඨමාලා නොදී?

(A) 100

(B) 80

(C) 75

(D) 90

$$9. \frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} = ?$$

(A) $2\sqrt{6}$

(B) $6\sqrt{2}$

(C) 2

(D) $\frac{1}{3}\sqrt{6}$

10. After 15 years, a man will be just four times as old as he was 15 years ago. What is his present age?

(A) 10 years

(B) 15 years

(C) 20 years

(D) 25 years

එයේ ගැඹුරු තුළින් 15 ක්‍රියා මූල්‍ය 15 ක්‍රියා මූල්‍ය නොව නොදී 4 මූල්‍ය නොව / යෙහි ගැඹුරු තුළින් තුළින් නොදී?

(A) 10 years

(B) 15 years

(C) 20 years

(D) 25 years

Part-II
ENGLISH : 05 Marks

Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.

11. Fill in the blank with appropriate preposition.

Rama is senior _____ Dama.
(A) to (B) than (C) from (D) in

12. Fill in the blank with appropriate verb.

The teacher as well as the students _____ responsible for the agitation in the school campus.
(A) are (B) is (C) shall (D) were

13. Fill in the blank with correct spelling of the word.

The blue _____ is flying very high in the air.
(A) ballon (B) balloon (C) baloon (D) bellon

14. Find out the correct part of the speech of the underlined word.

Always speak the truth.
(A) noun (B) pronoun (C) verb (D) adverb

15. What is the feminine gender of ‘nephew’?

(A) aunt (B) nun (C) niece (D) lass

Part-III

Section-A : GNM / B.Sc. NURSING : 85 Marks

Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.

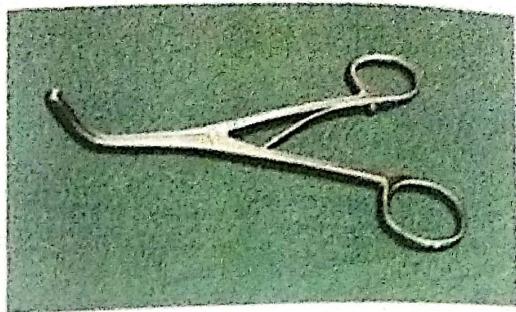
16. What do you mean by systolic B.P.?

- (A) The pressure within the arteries during dilatation of left ventricles
- (B) The pressure within the arteries during contraction of left atrium
- (C) The pressure within the arteries during contraction of left ventricles
- (D) The pressure within the arteries during complete cardiac diastole.

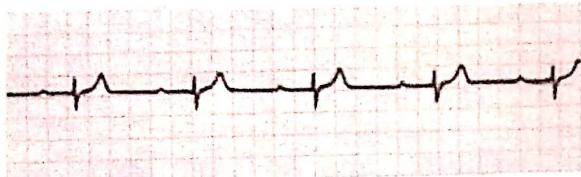
30. When a drug is to be given at bed time, which of the following coded instruction is used?
- (A) sos (B) od (C) hs (D) ac.
31. Where does catheter inserted through, for left sided cardiac catheterization?
- (A) Antecubital vein (B) Radial vein (C) Femoral artery (D) Femoral vein.
32. The term used to describe blood in the urine.
- (A) Glycosuria (B) Hematuria (C) Pyuria (D) Albuminuria.
33. Which of the following drugs causes expulsion of gas from the intestinal tract:
- (A) Laxative (B) Cathartics (C) Carminatives (D) Astringent.
34. What is known as X-ray study of the fallopian tube?
- (A) Sonography (B) Cholecystoscopy (C) Myelography (D) Salpingography.
35. What is the colour coding of nitrous oxide cylinder?
- (A) Red (B) French blue (C) Black with white shoulders (D) Black.
36. At what time blood sample should be collected from the patient with malaria.
- (A) When temperature is normal (B) When fever is just started
 (C) After taking meal (D) At the high level of fever.
37. Frozen DPT vaccine should be:
- (A) Brought to room temperature before use. (B) Discarded
 (C) Allowed to melt before use. (D) Shaken thoroughly before use.
38. Needles, syringes, scalpels and blades are disposed in:
- (A) Black bag (B) Blue bag (C) Yellow bag (D) Red bag.
39. Correct method for calculating EDD:
- (A) Last day of first period + 280 days (B) Last day of last menstrual period + 280 days
 (C) 1st day of last menstrual period + 200 days (D) 1st day of last menstrual period + 280 days + 7 days.
40. Which position used in laparoscopic sterilization, female should be placed in:
- (A) Lithotomy position (B) Left lateral position (C) Supine position (D) Knee chest position.

41. What is the instrument shown below?

- (A) Urethral dilator
- (B) Tracheal dilator
- (C) Aneurysm needle
- (D) None of the above



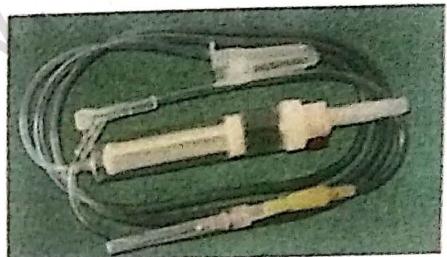
42. What does the following ECG indicates?



- (A) Complete heart block
- (B) First degree heart block
- (C) Second degree heart block
- (D) Third degree heart block

43. What is this?

- (A) Intravenous fluid infusion set
- (B) Blood set
- (C) Arterial line
- (D) CVP line



44. The physician is examining the patient's abdomen to diagnose possible _____.

- (A) Cullen's sign
- (B) Ulcerative colitis
- (C) Appendicitis
- (D) Diverticulitis



45. Identify the symbol shown in photograph

- (A) Recyclable waste
- (B) Biohazard waste
- (C) E-waste
- (D) Food waste



46. The test done in the picture is to test the patency of:

- (A) Ulnar artery
- (B) Radial artery
- (C) Ulnar vein
- (D) Radial vein



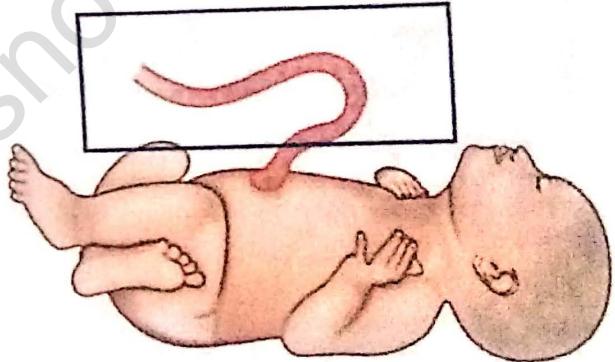
47. Identify the strip shown in the photograph

- (A) Combined OCP
- (B) Iron Folic acid tablets
- (C) DOTS
- (D) MDT



48. Cut-section of Structure shown in the photograph contains

- (A) 1 artery, 2 veins
- (B) 2 artery, 2 veins
- (C) 2 artery, 1 vein
- (D) 1 artery, 1 vein



49. Injection technique shown in figure is used to administer?

- (A) BCG
- (B) Measles
- (C) Hepatitis B
- (D) Japanese Encephalitis



50. What of the following can be monitored using this tape?



- (A) Nutritional status
- (B) Ascites
- (C) Skull growth
- (D) Height

51. Which of the following is a common symptom of lung cancer?
 (A) Cough or change in a chronic cough (B) Wheezing sound on inspiration
 (C) Foamy, blood-tinged sputum (D) Dyspnea on exertion
52. Risk factors for breast cancer include?
 (A) Young age (B) Young age at menopause
 (C) Young age at first births (D) Young age at menarche
53. A client is admitted with a burn injury to both of his upper extremities. What is the total body surface area (TBSA) affected for this patient, according to rule of nine?
 (A) 9% (B) 18% (C) 36% (D) 27%
54. The IV fluid of choice in a patient with severe dehydration
 (A) 5% Dextrose (B) Dextrose Normal Saline (DNS)
 (C) IV albumin (D) Ringer Lactate
55. The main function of kidney is to
 (A) Eliminate oxygen (B) Regulate fluid balance and removing waste products
 (C) Metabolize vitamins (D) Eliminate carbon dioxide
56. Connection between artery and vein is known as.....
 (A) Capillaries (B) Arterioles (C) Venules (D) Lymph
57. Characteristic feature of skin in a dehydrated patient include
 (A) Warm and dry (B) Loss of elasticity (C) Pigmented skin (D) Both A and B
58. Earliest sign of glaucoma is.....
 (A) Double vision (B) Halos around lights (C) Blurred vision (D) Headache
59. Method of choice to remove ear wax is.....
 (A) Mineral oils (B) Cotton swab applicator
 (C) Warm normal saline irrigation (D) Otoscope
60. The most common site of occurring peptic ulcers in stomach:
 (A) Pyloric portion (B) Cardiac portion (C) Esophageal junction (D) Body of the stomach
61. Mr. Hari was complaining about the pain at his right hypochondriac region which refers to a region of the
 (A) Head (B) Thorax (C) Abdomen (D) Upper limb
62. Purposes of traction include
 (A) Used in the treatment of fracture (B) It helps to reduce muscle spasm and contracture
 (C) Helps in internal reduction (D) Both A and B
63. Abnormal hardening of bone and an elevation in bone density is known as
 (A) Osteoporosis (B) Osteopetrosis (C) Osteomalacia (D) Arthritis

64. During blood transfusion therapy patient developed wheezing and her skin becomes flushed with hives. These are the characteristics of.....
 (A) Hemolytic reaction (B) Allergic reaction (C) Transfusion reaction (D) Thrombotic crisis
65. What is the most appropriate nursing intervention while treating a laceration?
 (A) Monitor blood pressure (B) Elevate the body part
 (C) Apply pressure dressing and heat (D) Apply pressure dressing and ice pack
66. A person, seeing a rope, takes it to be a snake. This condition is called:
 (A) Depersonalization (B) Hallucination (C) Delusion (D) Illusion
67. Hypnotic drugs are used to treat:
 (A) Psychosis (B) Sleep disorders
 (C) Narcolepsy (D) Parkinsonian disorders
68. False sensory perceptions with no basis in reality are known as:
 (A) Hallucinations (B) Delusions (C) Loose associations (D) Neologisms
69. Mania is characterized by:
 (A) Paranoid delusion (B) High self-esteem (C) Loss of insight (D) Loss of orientation
70. During the assessment stage, a client with schizophrenia leaves his arm in the air after the nurse has taken his blood pressure. His action shows an evidence of:
 (A) Somatic delusions (B) Waxy flexibility (C) Neologisms (D) Nihilistic delusions
71. Bottle fed babies are more prone than breastfed babies to:
 (A) cough and cold (B) diarrhea (C) impetigo (D) TB
72. The nurse is aware that the most common assessment finding in a child with ulcerative colitis is:
 (A) Intense abdominal cramps (B) Profuse diarrhea
 (C) Anal fissures (D) Abdominal distention
73. MMR Means.....
 (A) Mother Mortality Ratio (B) Male Mortality Rate
 (C) Maternal Mortality Rate (D) Male Mortality Ratio
74. Expected weight of one-year old child, when the birth weight is 3.5 kg:
 (A) 7 kg (B) 6 kg (C) 9.5 kg (D) 10.5 kg
75. Identify the incorrect pair among the following:
 (A) BCG-TB-Intradermal (B) DPT-Pertussis-SC (C) MMR – Rubella-S/C (D) OPV-Polio-Oral
76. Which is the best solid food that can be used during the process of weaning?
 (A) Fruits (B) Vegetables (C) Egg white (D) Rice cereals
77. Which babies are at higher risk to have hypothermia?
 (A) Baby with any congenital abnormality (B) Low birth weight babies
 (C) Healthy baby (D) One year old child.

78. Which of the following conditions is common in pregnant clients in the 2nd trimester of pregnancy?
 (A) Mastitis (B) Metabolic alkalosis (C) Physiologic anemia (D) Respiratory acidosis
79. The diet that is appropriate in normal pregnancy should be high in:
 (A) Carbohydrates and vitamins (B) Proteins, carbohydrates and fats
 (C) Fats and minerals (D) Protein, minerals and vitamins
80. Placenta is the organ that provides exchange of nutrients and waste products between mother and fetus. This develops by
 (A) First month (B) Third month (C) Fifth month (D) Seventh month
81. Which gland is responsible for initiating the menstrual cycle?
 (A) Ovaries (B) Anterior Pituitary Gland (APG)
 (C) Posterior pituitary gland (PPG) (D) Hypothalamus
82. When is the best time to achieve pregnancy?
 (A) Midway between periods (B) Immediately after menses end
 (C) 14 days before the next period is expected (D) 14 days after the beginning of the next period
83. The most common cause of abortion in first trimester
 (A) Chromosomal abnormality (B) Trauma
 (C) Maternal disease (D) RTI
84. Oral contraceptive pills need to be started on.....
 (A) 1st day of menstruation (B) 3rd day of menstruation
 (C) 5th day of menstruation (D) 7th day of menstruation
85. Which one of the following anti-tuberculosis drugs cannot be given during pregnancy?
 (A) Rifampicin (B) Ethambutol (C) Streptomycin (D) INH
86. The nurse is providing a teaching session to a client who has ulcerative colitis. The nurse will instruct the client for which diet?
 (A) Carbohydrate-consistent diet (B) High-calorie, high-protein diet
 (C) High-calcium and high potassium diet (D) Low-residue, low-fiber diet
87. Patient complains of pain and has redness with swelling at the site of IV. The nurse must
 (A) Stop infusion and remove IV cannula (B) Start nasal oxygen
 (C) Change IV tubing and the solution (D) Apply warm moist pack to the reddened area
88. Physician ordered oral as well as nasal suction to a client. You will do suction first in.....
 (A) Mouth (B) Nose
 (C) Where the secretion is more (D) Where the secretion is less
89. You are irrigating a draining wound with sterile saline solution. Which of the following would be the most appropriate procedure to follow:
 (A) Prepare sterile field, put on sterile gloves and remove soiled dressing, wash hands
 (B) Wash hands, wear clean gloves, remove soiled dressing, remove gloves, wash hands, wear sterile gloves, prepare sterile field
 (C) Remove soiled dressing, flush wound and wash hands, prepare sterile field
 (D) Pour solution, wash hands and remove soiled dressing, prepare sterile field

- ✓ 90. A child is to receive dexamethasone (Decadron) intravenously at the ordered dosage of 7.6 mg. The drug concentration in the vial is 4 mg/mL. Which of the following amount would the nurse administer?
- (A) 0.05 mL (B) 0.72 mL (C) 1.9 mL (D) 3.8 mL
- ✗ 91. A child is to receive 500 mL of an I/V solution over 12 hours via tubing that delivers micro drips at 60 drops/mL. The nurse would infuse solution at which of the following rates?
- (A) 42 drops/minute (B) 48 drops/minute (C) 63 drops/minute (D) 84 drops/minute
- ✗ 92. A clinic nurse prepares to administer an MMR (Measles, Mumps, Rubella) vaccine to a five-year-old. The nurse administers this vaccine:
- (A) Intramuscularly in the anterolateral aspect of the thigh
 (B) Intramuscularly in deltoid muscle
 (C) Subcutaneously in the outer aspect of the upper arm
 (D) Subcutaneously in the gluteal muscle
- ✗ 93. A client comes to the clinic with a bleeding nose. Which of the following instruction to the client is most appropriate?
- (A) "Sit up with your head tilted forward. Grasp the soft part of your nose firmly between your thumb and forefinger"
 (B) "Lay down and tilt your head backward. Grasp the end of your nose between your fingers"
 (C) "Sit up and lean backwards. Put pressure on the side of your nose with your hand"
 (D) "Lay down and tilt your head to one side and put pressure on the side of your nose with your hand"
- ✗ 94. The sequence of administration of medications in anesthesia for ECT is:
- (A) Atropine----- thiopentone/methohexitol ----- succinylcholine
 (B) Succinylcholine-----atropine-----thiopentone/methohexitol
 (C) Atracurium-----succinylcholine-----atropine
 (D) Atropine-----succinylcholine-----thiopentone/methohexitol
- ✗ 95. A 20-year-old female complains of sudden onset palpitation and apprehension. She is sweating for last 10 minutes and fears of impending death. Diagnosis is
- (A) Hysteria (B) Generalized Anxiety Disorder
 (C) Cystic fibrosis (D) Panic attack
- ✗ 96. Pregnant women, who is 4 months pregnant asks the nurse how much and what type of exercise she should get during pregnancy. How should nurse counsel her?
- (A) "Exercise to raise the heart rate above 140 beats/minute for 20 minutes daily"
 (B) "Perform gentle back-lying exercises for 30 minutes daily".
 (C) "Try high-intensity aerobics, but limit sessions to 15 minutes daily."
 (D) "Walk briskly for 10 to 15 minutes daily and gradually increase this time".
- ✗ 97. Appropriate time for TT immunization in a pregnant woman without previous TT immunization is
- (A) At first contact or as early as possible in pregnancy (B) Between 12 and 16 weeks of pregnancy
 (C) Between 20 and 24 weeks of pregnancy (D) Two weeks before EDD
- ✗ 98. Following DPT immunization a child developed swelling and tenderness at the injection site, a low-grade fever, and malaise. What is the appropriate nursing reaction?
- (A) Ask the parents to take the child to emergency
 (B) Educate them that this is occurring because of allergy to the vaccine
 (C) This is the expected reaction and teach them how to manage
 (D) In future avoid DPT injections to the child
- ✗ 99. The first thing that a nurse must ensure when the baby's head comes out is
- (A) The cord is intact (B) No part of the cord is encircling the baby's neck
 (C) The cord is still attached to the placenta (D) The cord is still pulsating
- ✗ 100. Onset of true labour pains to full dilatation of cervix indicates.
- (A) First stage of labour (B) IInd stage of labour (C) IIIrd stage of labour (D) IVth stage of labour