



SOUTHERN RAILWAY

'Confdl'

Headquarters Office,
Personnel Branch,
Chennai – 600 003.

No.PB/CS/30/ST/Medical/Vol.II

Date: 04 -09-2024

CG Candidates/Nursing Superintendent

Sub: Publishing of Answer Key for the Suitability Test held on 03.09.2024 for the post of Nursing Superintendent in Pay Matrix Level-7 of 7th CPC on compassionate grounds appointment - reg.



The Suitability test for the post of Nursing Superintendent in Pay Matrix Level-7 of 7th CPC on compassionate grounds appointment was held on 03.09.2024 at Radiology Block Auditorium, Southern Railway Headquarters Hospital, Perambur, Chennai-600 023 and 02 candidates have attended the written examination.

The Answer Key for the above Suitability Test has been enclosed herewith and the same is uploaded in Southern Railway website:
<https://sr.indianrailways.gov.in/>

About SR → Department → Personnel → Headquarters → CGA → 2024

The candidate who appeared for the examination are advised to go through the Answer Keys and forward representation, if any, against the Answer keys published duly following the conditions detailed below:

1. The representation, if any, has to be sent through e-mail (e-mail id: srhq.cga@gmail.com) on or before 10.09.2024 (Tuesday) duly enclosing the authority / documentary proof in support of your representation.
2. The candidates who attended the written examination can only represent.
3. Any late submission of the representation beyond the cut-off date will not be entertained under any circumstances.
4. The decision of the Question Paper setting Authority will be final and no further correspondence in this regard will be made.
5. The Final Answer Key will be published along with decision of the Competent Authority.

The Last date i.e. 10.09.2024 for receipt of representations to the mail-id mentioned in Sl. No. 1 is **SACROSANCT**.

(M. Prakash)

Dy.Chief Personnel Officer/IR&W
for Principal Chief Personnel Officer

KEY TO SUITABILITY TEST FOR THE POST OF NURSING SUPERINTENDENT
ONCOMPASSIONATE GROUNDS

Date:03/09/2024

1. Pneumoperitoneum in Laparoscopy is achieved with
 - a. Oxygen
 - b. Carbon dioxide
 - c. Nitrous Oxide
 - d. None of the above
2. The site for measuring the core body temperature is all except
 - a. Rectum
 - b. Esophagus
 - c. Urinary Bladder
 - d. Axilla
3. Common sites where pulse are examined to evaluate the Peripheral Arterial Disease
 - a. Posterior Tibial Artery
 - b. Dorsalis Pedis Artery
 - c. Both of the above
 - d. None of the above
4. Tachy cardia is when the pulse rate is more than
 - a. 100 beats per min
 - b. 110 beats per min
 - c. 70 beats per min
 - d. 80 beats per min
5. The scale used to predict the patients pressure ulcer risk is
 - a. Braden scale
 - b. Norton scale
 - c. Waterlow scale
 - d. None of the above
6. Naso Gastric tube is used in acute Intestinal Obstruction to
 - a. feed the patients
 - b. administer medications
 - c. to decompress the stomach
 - d. none of the above
7. The procedure in which the patients perineal area is immersed in hot water or medicated solution using aseptic technique to relieve the pain in haemorrhoids, perineal or rectal surgeries is called as
 - a. morse technique
 - b. Sitz bath
 - c. None of the above
 - d. Both of the above
8. All are contraindications for steam inhalation except
 - a. Burns face, neck and chest
 - b. severe eye infection or inflammation
 - c. Disoriented patients and very young children
 - d. Sinusitis
9. Intake and Output chart is maintained to monitor the patients
 - a. fluid and electrolyte balance
 - b. recognise fluid loss
 - c. both of the above
 - d. None of the above

10. pulse Oximeter is used to measure the
- percentage of oxygen saturation in blood
 - detect the pulse rate
 - Both of the above
 - Temperature of blood
11. The process of administering medication via inhalation, *disperse in the form of mist into the respiratory tract* is called as
- Nebulisation
 - implementation
 - Both of the above
 - none of the above
12. The benefits of Breathing and coughing exercises are
- improves lung function and prevents alveolar collapse
 - promotes expectoration of mucus and secretions and clears the respiratory tract
 - Both of the above
 - Ineffective airway clearance
13. The process of engulfment of solid particulate material by the neutrophils and monocytes is called as :
- extravasation
 - phagocytosis
 - chemotaxis
 - Margination
14. Mycobacterium Tuberculosis is transmitted by
- vascular
 - surface contact
 - Airborne
 - sexually
15. All are sexually transmitted disease except
- syphilis
 - human papilloma virus
 - shingles
 - HIV
16. During a blood transfusion a patient develops chills and headache which is the nursing priority action to be done ?
- Stop transfusion at once
 - cover the patient with bed sheet
 - decrease the rate of transfusion
 - notify to the doctor immediately
17. What does the "19" in Covid 19 refers to
- there are 19 variants of Corona Virus
 - there are 19 symptoms of Corona Virus
 - Corona Virus and the disease it causes was identified in 2019
 - All over the world only 19 nations were affected
18. Who pioneered in modern Nursing?
- Dr. Leninger
 - Dorothia L. Dix
 - Florence Nightingale
 - sister Callista roy

19. All of the following are components of the "Epidemiologic Triad" except
- Host
 - Environment
 - Agent
 - Treatment
20. Example of a live vaccine is
- Hepatitis B Vaccine
 - Rabies Vaccine
 - Measles Vaccine
 - Typhoid Vaccine
21. A very low birth weight infant has birth weight less than
- 2500gms
 - 2000gms
 - 1500gms
 - 1000gms
22. Which is the colour code to identify Oxygen in Medical Gas pipe line system
- Blue
 - Black
 - Gray
 - White
23. Burns assessment is done by the Rule of
- 5
 - 6
 - 9
 - 11
24. The maximum amount of gas which is present in atmospheric air is
- Nitrogen
 - Oxygen
 - CO₂
 - Ozone
25. Each breast has one of the following number of Mammary Lobes
- 15-20
 - 5-10
 - 21-25
 - 25-30
26. The physical assessment technique involves tapping the patients body to assess the underlying organ and identify the abnormalities is
- Percussion
 - Palpation
 - Inspection
 - Auscultation
27. Which teaching method is most effective for promoting active student participation and engagement in a nursing classroom
- Lecture based Teaching
 - Demonstration
 - Case based learning
 - Simulation

28. When assessing the child from signs of dehydration, which clinical finding is indication of moderate dehydration
- a. Moist mucous membranes
 - b. **Sunken fontanelle in infants**
 - c. Capillary refill less than 2 seconds
 - d. Normal urinary output
29. A community health nurse is conducting the needs assessment in rural community which of the following would be the most appropriate first step in the process
- a. Implementing health education programs
 - b. Identifying the available community resources
 - c. **Collecting the data on the community health status**
 - d. Establishing the partnership with local agencies
30. The hormone responsible for promoting blood glucose levels by promoting the uptake of glucose into cells?
- a. **Insulin**
 - b. Glucagon
 - c. Cortisol
 - d. Thyroxine
31. what is the primary function of the mineral iron in the human body
- a. Formation of healthy bones and teeth
 - b. Nerve transmission and muscle contraction
 - c. Blood clotting
 - d. **Oxygen transport in the Red blood cells**
32. Patients inability to void urine in spite of the kidneys excreting urine and entering bladder is called as
- a. Urgency
 - b. **Retention**
 - c. Oliguria
 - d. Dysuria
33. Trans sphenoidal approach is used in excision of which type of tumours
- a. Glial tumour
 - b. **pituitary tumour**
 - c. Acoustic Neuroma
 - d. oligo dendroglioma
34. which of the following vitamins is not fat soluble?
- a. Vitamin A
 - b. Vitamin D
 - c. **Vitamin B**
 - d. Vitamin K
35. The passage of fresh blood per anus usually in or with stools is called as
- a. hemoptysis
 - b. **hematochezia**
 - c. hematemesis
 - d. None of the above
36. Which is the largest Nerve in the Human body
- a. Femoral Nerve
 - b. **Sciatic Nerve**
 - c. Pudendal Nerve
 - d. Thoracic Nerve

- The full form of "AMBU bag" is
- j. Artificial Mouth Breathing Unit
 - c. Artificial Manual breathing Unit
 - d. None of the above
38. Which of the following is called Power house of cells
- a. Muscles
 - b. Ribosome
 - c. Mitochondria
 - d. Lysosome
39. An agent which kills the Pathogenic bacteria is called as
- a. Asepsis
 - b. Disinfectant
 - c. Fomite
 - d. Bacteriostat
40. which of the following is not found in urine
- a. Glucose only
 - b. Protein only
 - c. RBC only
 - d. All of the above
41. Hallucination is caused by
- a. Gastro Intestinal Disorder
 - b. Disorder of Reproductive Organs
 - c. Mental Illness
 - d. Infectious Disease
42. Highest total score of Glasgow Coma Scale is
- a. 5
 - b. 10
 - c. 15
 - d. 20
43. The temperature required for Autoclaving is
- a. 160 degree C
 - b. 150 degree C
 - c. 121 degree C
 - d. 112 degree C
44. Dementia is defined as
- a. loss of memory
 - b. loss of hearing
 - c. loss of Appetite
 - d. loss of Vision
45. Pap smear is a common diagnostic approach in
- a. Ca Ovary
 - b. Ca Cervix
 - c. Ca Breast
 - d. Ca Fallopian Tube
46. Non invasive method of measurement of Neonatal Jaundice is
- a. History Taking
 - b. direct Bilirubin Estimation of blood
 - c. Trans cutaneous Bilirubinometry
 - d. All of the above

47. Projectile Vomiting is commonest symptom of
- Lower Intestinal Obstruction
 - Hirschprung Disease
 - Hypertrophic Pyloric Stenosis
 - Jaundice
48. Oliguria is a condition where the Urine Output is less than
- 400ml/day
 - 600ml/day
 - 3 litres/day
 - 900ml/day
49. Mature RBC' survives for ----- days in the circulation
- 2to 4 days
 - 120 days
 - 11 to 15 days
 - 15 to 30 days
50. The test that is most specific for myocardial damage is
- CK MB
 - Myoglobin
 - Troponin I
 - CK
51. Nitroglycerine is administered by which route
- sublingual
 - Inhalation
 - By Parenteral route
 - Insertion
52. Four colour codes for Bags in Bio Medical Waste are?
- Yellow, Red, Green, Blue
 - Red, Blue, White, Black
 - Yellow, Red, Blue, Black
 - Yellow, Red, White, Blue
53. Rice water stools is the typical' sign of
- Cholera
 - Hepatitis A
 - hepatitis B
 - Dysentry
54. Breteau index is used to assess the density of Vector of
- Yellow Fever
 - Dengue
 - Chikungunya
 - Kala azar
55. When providing oral hygiene to an unconscious patient, care must be taken to prevent
- Infection
 - Gum Bleeding
 - Oral Injury
 - Aspiration
56. Nursing Management of a client after an IVP
- maintain bed rest
 - assess for haematuria
 - encourage fluid intake
 - administer laxative

57. Which is termed as "poor man's milk"

a. Soya Milk

b. Ragi

c. Wheat

d. Rice Water

58. Which safety measure will you take for a drowsy patient?

a. keep side rails up

b. keep unnecessary furnitures away

c. keep lights on

d. keep extra linen bed side

59. What are the signs of shock?

a. lethargy and slow pulse rate

b. cold, clammy skin, unconsciousness and rapid pulse rate.

c. sweating and forgetfulness

d. None of the above

60. Universal precautions include

a. Gloving

b. Gowning

c. Hand washing

d. All of the above

61. The active ingredient of Cidex is

a. formaldehyde

b. Dettol

c. Savlon

d. Gluteraldehyde

62. Intramuscular injection is given at

a. 45 degree angle

b. 15 degree angle

c. 90 degree angle

d. 60 degree angle

63. What is the colour coding of the bag in hospitals to dispose human anatomical waste such as body parts?

a. yellow

b. red

c. black

d. blue

64. The solution used to disinfect the bed linen of HIV infected patient is

a. savlon

b. Sodium Hypochlorite

c. Dettol

d. Cidex

65. Scurvy is caused due to deficiency of which Vitamin

a. Vitamin B

b. Vitamin C

c. Vitamin D

d. Vitamin A

66. Which committee was set up to see the general condition of the Nurse?

a. High power Committee

b. Mudaliar Committee

c. Bhore Committee

d. Mukerjee Committee

67. The definition of Health by WHO includes all except

- a. Mental
- b. Physical
- c. Social
- d. Reproductive

68. The colour used for tagging the dead body in triage is

- a. Yellow
- b. Black

- c. Red
- d. Green

69. Nursing profession can be practised after

- a. Approval
- b. Valuation
- c. Licensure

- d. Accreditation

70. Sample in research is referred as

- a. Representation of population
- b. high risk study subjects
- c. high risk population
- d. population living in a defined area

71. The ability of human body to protect itself from pathogens is known as

- a. secretion of hormones
- b. Immunity

- c. Locomotion
- d. hypersensitivity

72. Which of the following are not approaches of health education

- a. service based
- b. education
- c. Regulatory/Legislative
- d. Incentive approach

73. In preparing a patient for surgery, what is the most important information for the nurse to verify?

- a. Time of patients last meal
- b. understanding post operative care
- c. consent form signed and in place
- d. availability of next kin

74. Flight of ideas is seen in

- a. mania
- b. mental retardation
- c. drug addiction
- d. obsessive compulsive disorder

75. The most common procedure performed by an ophthalmologist to measure the Intra Ocular Pressure of the eyes is called as

- a. Tonometry
- b. Retinoscopy
- c. Fundoscopy
- d. None of the above

76. The procedure to wash out the urinary bladder with sterile specified solution to remove the clots sediments and stop bleeding to retain the patency of the catheter is called as

a. Bladder irrigation

b. TURP

c. ESWL

d. None of the above

77. Which one of the following is a colloid in fluid rehydration therapy

a. Normal saline

b. Ringer's solution

c. DNS

d. Whole blood

78. Methods of bathing include all except

a. Bed bath

b. Tub bath

c. Showering

d. Autolytic bath

79. Muscle strengthening exercises is indicated in all except?

a. osteoporosis

b. Muscle weakness

c. obesity

d. cardiac illness

80. All are types of peritoneal dialysis except?

a. Intermittent peritoneal dialysis

b. Continuous ambulatory peritoneal dialysis

c. continuous cycle peritoneal dialysis

d. hemodialysis

81. skin grafting is classified based on the thickness of the graft and removing the epidermis and part of the dermis is called as

a. Full thickness grafting

b. Partial/ split thickness grafting

c. Both

d. None of the above

82. The head end of the operating table higher than the foot end is used in all surgeries except

a. Gall bladder surgery

b. Nasal surgery

c. Head and Neck surgery

d. Retroperitoneal surgery

83. The MRI imaging technique used to investigate further is indicated in all except

a. Brain tumour

b. Pituitary tumour

c. Demyelinating disease

d. Implanted spine stabilisation

84. The warning signs of cancer are all except

a. unusual bleeding/discharge

b. Lump in breast

c. Normal bladder /bowel habits

d. Obvious change in Wart or Mole

85. Anti embolism stockings are applied externally over lower extremities to
- Maintains adequate perfusion of the lower extremity
 - enhances venous return
 - prevent deep vein thrombosis
 - All of the above
86. All of the following are major complications of massive transfusion except?
- Hypokalaemia
 - Hypothermia
 - Hypocalcaemia
 - Hypomagnesaemia
87. Fogarty's catheter is used for?
- urethral catheterisation
 - removal of blood clots from the arteries
 - Bladder drainage
 - Total Parenteral Nutrition
88. The first step in the ABCDE approach is to assess
- Breathing
 - Airway
 - Circulation
 - Disability
89. signs of Deep vein thrombosis includes
- Low blood pressure
 - Swelling, pain, redness and warmth in the affected limb
 - Cold extremities
 - Increased urinary output
90. Endemic disease means that a disease
- occurs clearly in excess of normal expectancy
 - is constantly present in a given population
 - exhibits seasonal pattern
 - is prevalent among animals
91. Hypoglycaemia is corrected by giving
- 25% Dextrose
 - normal saline
 - IV Mannitol
 - Insulin
92. Most serious side effect of penicillin is
- skin rash
 - Anaphylaxis
 - Vomiting
 - fever
93. Difference between apical and radial pulse is called
- Pulse deficit
 - Pulse pressure
 - feeble pulse
 - Absent pulse
94. Drug causing Nephrotoxicity?
- amoxycillin
 - ampicillin
 - Gentamicin
 - Erythromycin

95. Iron and folic acid supplementation forms
- a. Health promotion
 - b. Specific protection
 - c. Primordial prevention
 - d. Primary prevention
96. Frost bite is treated by
- a. Rapid rewarming
 - b. slow rewarming
 - c. IV pentoxifylline
 - d. Amputation
97. A neonate with scaphoid abdomen and respiratory distress has
- a. Congenital pyloric stenosis
 - b. Diaphragmatic hernia
 - c. Volvulus
 - d. Renal tumour
98. For a patient with a seizure disorder, the priority is to
- a. restrict all movement
 - b. maintain airway and ensure safety
 - c. administer oral medications
 - d. ignore seizure activity
99. Fear of closed places is termed as?
- a. Gamophobia
 - b. acrophobia
 - c. Claustrophobia
 - d. hamartophobia
100. The most common preventable complication of abdominal Surgery is
- a. Atelectasis
 - b. fluid and electrolyte imbalance
 - c. Thrombophlebitis
 - d. Urinary retention