

NOTICE

KOLKATA PORT TRUST HALDIA DOCK COMPLEX

(Jawahar Tower Complex, Haldia Township,
Purba Medinipur, West Bengal, Pin – 721607)

Written Test for selection of Female Nurse (on contract) under Haldia Dock Complex

- Written Test Venue** : DAV Public School, Haldia Township.
P.O. – Haldia Township, Dist.-Purba Medinipur,
West Bengal – 721607.
- Date of Test** : 23/06/2018
- Reporting Time** : 10.30 hrs.
- Mode of Selection** : Written Test of 50 marks total.
- Syllabus for the aspirants** : Refer to ‘**Annexure – I**’.
- Structure of the Question Paper** :
- General Knowledge 05 Marks.
 - English Language 05 Marks.
 - Numerical Ability 05 Marks.
 - Logical Reasoning 05 Marks.
 - Subject Test 30 Marks.
- Total Marks = 50
Qualifying Marks = 25
- Type of the Question paper** :
- Offline.
 - Single Tier written.
 - Objective Type-with 04 options each.
 - Section wise Question with variable weightage.

Total duration – 120 Mins.

Total number of Question – 90.

Degree of difficulty of the question paper:

Subject	Easy (40 questions)	Average (40 questions)	Difficult (10 questions)	Total Question
General Knowledge	0.5 x 4=2	0.5 x 4=2	1 x 1=1	9
English Language	0.5 x 4=2	0.5 x 4=2	1 x 1=1	9
Numerical Ability	0.5 x 4=2	0.5 x 4=2	1 x 1=1	9
Logical Reasoning	0.5 x 4=2	0.5 x 4=2	1 x 1=1	9
Subject Test	0.5 x 24=12	0.5 x 24=12	1 x 6=6	54
Total Marks	20	20	10	90
	(20+20+10) = 50			Time (40 x 1 + 40 x 1.5 + 10 x 2) = 120 Mins.

Easy questions 01 minute each.

Average questions 1.5 minutes each.

Difficult questions 02 minutes each.

Model Question Paper with Answer : Refer to 'Annexure-II'

General Instructions to the candidates :

- ❖ Admit card have been issued to the prima-facie eligible candidates both by speed posts and also by e-mail. If the candidate does not receive admit card by post, she may also take a print out of the e-mail (soft copy) of the admit card(s).
- ❖ The candidate must bring the admit card and also a set of all relevant certificates / testimonials regarding her eligibility (both original and photo copy) along with her at the time of appearing for the written test. No candidate will be permitted to enter the examination centre without the admit card.
- ❖ Candidate must carry at least one photo bearing IDENTITY PROOF in original such as Passport, Driving License, Voter Card, Aadhaar Card, Identity Card issued by University / College, Pan Card to the examination centre, **failing which, SHE SHALL NOT BE ALLOWED TO APPEAR FOR THE EXAMINATION.**
- ❖ The candidate should reach the test centre/venue at the reporting time. Late comers will not be permitted to appear in the test. **They should bring 2 good quality BLACK/BLUE ball point pen for answering the test questions. Use of Pencils is strictly prohibited for answering questions.**
- ❖ The admit card alongwith affixed passport size photograph will be collected in the examination hall and therefore the candidate is advised to keep one photocopy of the Admit Card for her own reference.
- ❖ Candidature for the test is **provisional** and subject to fulfilling all the eligibility conditions as indicated in the advertisement. Receipt of Admit card by the candidate is **not** to be construed as acceptance of the candidate's eligibility for selection. If, at any stage, it is found that the candidate is ineligible for sitting in the written examination or at any subsequent stage her candidature will be rejected.
- ❖ Candidates are not allowed to carry any papers, notes, books, calculators, pagers or mobile phone or electronic devices etc., in the examination hall. Any candidate found using or in possession of such unauthorised material or indulging in copying or adopting unfair means, is liable to be summarily disqualified.
- ❖ Blank papers for rough work will be provided at the examination hall to the candidates.
- ❖ Request for change of centre/venue will not be entertained under any circumstances.
- ❖ No Travelling allowance will be reimbursed for appearing in the Written Test

Annexure – I

General Aptitude and General Awareness

- General Intelligence and General Awareness
- Reasoning
- Observance
- Keeness
- Rationalization

Nursing Syllabus

- Anatomy & Physiology
- Psychology
- Microbiology
- Personal Hygiene
- First Aid
- Environmental Hygiene
- Community Health Nursing
- Paediatric Nursing
- Psychiatric Nursing
- Computers in Nursing
- Fundamentals of Nursing
- Sociology
- Nutrition
- Health Education & Communication Skills
- Medical Surgical Nursing
- English
- Mental Health
- Nursing Management
- Midwifery & Gynaecological Nursing

Nursing Informatics

- General purposes
- E- Nursing
- Telemedicine
- Telenursing
- Patient Record System
- Electronic medical records
- Management information and evaluation system (MIES)

Annexure – II

Nurses Recruitment – 2018 (On Contract) Model Question Paper

A. General Knowledge:

1. Joule is the unit of
 - a) Temperature
 - b) Pressure
 - c) Energy
 - d) Heat

2. Florence Nightingale was born in
 - a) Italy.
 - b) Germany.
 - c) France
 - d) Poland.

3. ASHA in National Health Mission stands for;
 - a) Accredited Social Health Activist.
 - b) Auxiliary social health assistant.
 - c) Assistant school health assessor.
 - d) Ancillary school health activist.

4. The first President of India.
 - a) Jawarhal Neheru.
 - b) Sarvepalli Radhakrisnan.
 - c) Rajendra Prasad.
 - d) Zakir Husain.

5. The World Largest desert is?
 - a) Thar
 - b) Kalahari
 - c) Sahara
 - d) Sonoran

6. The language spoken by the people of Pakistan is ?
 - a) Hindi
 - b) Palauan
 - c) Sindhi
 - d) Nauruan

7. The Gateway of India is in?

- a) Mumbai.
- b) Delhi.
- c) Madras.
- d) Kolkata.

8. The device used for measuring altitudes is?

- a) altimeter
- b) ammeter
- c) audiometer
- d) galvanometer

9. Which is considered as the biggest port of India ?

- a) Kolkata
- b) Cochin
- c) Chennai
- d) Mumbai

B. English Language:

1. In each of the following questions, find the correctly spelt word.

- a. Reannaisance.
- b. Renaissance.
- c. Rennaisance.
- d. Renaissance.

2. In each of the following questions, find the correctly spelt word.

- a. Recommandation.
- b. Reccommendation.
- c. Recomandation.
- d. Recommendation.

3. Select the odd one out

- a. Canteen
- b. Dancer
- c. Stage
- d. Makeup

4. Select the odd one out

- i. Judge
- ii. Chamber
- iii. Tennis
- iv. Lawyer

5. Select the odd one out

- a. Tiger
- b. Lion
- c. Hen
- d. Leopard

6. I shall meet you ----- 6 o'clock.

- a. by
- b. at
- c. in
- d. during

7. My father will retire from service ----- a year.

- a. of
- b. on
- c. in
- d. by

8. Plural of :

Thief

- a) Thievs.
- b) Thivee.
- c) Thiefs.
- d) Thieves.

9. The ----- of a snow clad mountain is exciting.

- a. Site
- b. Cite
- c. Sight
- d. none of these

C. Numerical Ability:

1. A boat can travel with a speed of 13 km/hr in still water. If the speed of the stream is 4 km/hr, find the time taken by the boat to go 68 km downstream.
 - a) 2 hours
 - b) 3 hours
 - c) 4 hours
 - d) 5 hours

2. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is:
 - a) 8.5 km/hr
 - b) 9 km/hr
 - c) 10 km/hr
 - d) 12.5 km/hr

3. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?
 - a) 6.25
 - b) 5.5
 - c) 7.4
 - d) 5

4. The average of 20 numbers is zero. Of them, How many of them may be greater than zero, at the most?
 - a. 1
 - b. 20
 - c. 0
 - d. 19

5. Find the odd man out. 1, 5, 11, 17, 23, 29
 - a. 29
 - b. 17
 - c. 11
 - d. 1

6. A person crosses a 600metre long street in 5 minutes. What is his speed in km per hour?
 - a. 8.2
 - b. 4.2
 - c. 6.1
 - d. 7.2

7. Find the missing number. 1, 4, 9, 16, 25, 36, 49, (....)
 - a. 64
 - b. 54
 - c. 56
 - d. 81

8. If the cost of x metres of wire is d rupees, then what is the cost of Y metres of wire at the same rate?
- Rs. (xd/y)
 - Rs. Xd
 - Rs. (yd/x)
 - Rs. Yd
9. If 7 spiders make 7 webs in 7 days, then how many days are needed for 1 spider to make 1 web?
- 1
 - 7
 - 3
 - 14

D. Logical Reasoning:

1. Tanya is older than Eric.
Cliff is older than Tanya.
Eric is older than Cliff.
If the first two statements are true, the third statement is
- True
 - False
 - uncertain
2. Mara runs faster than Gail.
Lily runs faster than Mara.
Gail runs faster than Lily.
If the first two statements are true, the third statement is
- true
 - false
 - uncertain
3. Look at this series: 2, 1, $(1/2)$, $(1/4)$, ... What number should come next?
- $(1/3)$
 - $(1/8)$
 - $(2/8)$
 - $(1/16)$
4. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?
- 7
 - 10
 - 12
 - 13

Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

5. harvest
- Autumn
 - Stockpile
 - Tractor
 - crop

6. book

- i. fiction
- ii. pages
- iii. pictures
- iv. learning

7. school

- i. student
- ii. report card
- iii. test
- iv. learning

8. Odometer is to mileage as compass is to

- i. speed
- ii. hiking
- iii. needle
- iv. direction

9. Window is to pane as book is to

- i. novel
- ii. glass
- iii. cover
- iv. page

E. Subject Test:

Trade (Subject Content)

1. A murmur is heard at the second left intercostal space along the left sternal border. Which valve area is this?

A. Pulmonic
B. Mitral
C. Aortic
D. Tricuspid

2. A patient is leaving the hospital. The family has been told to give her medications bid. The wife asks what that means. The nurses' aide tells her to give the medication:

A. only when needed
B. three times a day
C. once a day
D. twice a day

3. Which of the following factors would have the least influence on the survival and effectiveness of a burn victim's porcine grafts?

A. Use of analgesics as necessary for pain relief.
B. Adequate vascularization in the grafted area.

- C. Immobilization of the area being grafted.
D. Absence of infection in the wounds.
4. A newborn is diagnosed with ventricular septal defect. The baby is discharged with a prescription for digoxin syrup 20 micrograms bid. The bottle of digoxin is labeled as 0.05 mg/ml. The nurse should teach the mother to administer on each dose:
- A. 0.8 ml
B. 0.4 ml
C. 0.3 ml
D. 0.8 ml
5. A nurses' assistant notices red marks on a resident's back and buttocks. The aide acts in the knowledge that:
- A. red marks are not a problem.
B. it takes a doctor's order to rub skin with lotion.
C. patients can only be turned every two hours.
D. the skin can break down if nothing is done.
6. What is the most common cause of abdominal aortic aneurysm?
- A. Hypertension
B. DM
C. Atherosclerosis
D. Syphilis
7. In which organ are nutrients absorbed and returned to the blood stream?
- A. esophagus
B. large intestine
C. small intestine
D. stomach
8. Whilst recovering from surgery a patient develops deep vein thrombosis. The sign that would indicate this complication to the nurse would be:
- A. Pitting edema of the area
B. Intermittent claudication
C. Severe pain when raising the legs
D. Localized warmth and tenderness of the site
9. What muscle pushes digesting food along in a wave-like action?
- A. tongue
B. heart
C. stomach
D. esophagus
10. In which organ does most of digestion take place?
- A. gall bladder
B. small intestine
C. liver
D. heart

11. The nurse in the immediate care clinic is assessing an 80-year-old client who lives with his son's family and has scald burns on his hands and both forearms (first- and second-degree burns on 10% of his body surface area. What should the nurse do first?
- A. Clean the wounds with warm water.
 - B. Refer the client to a burn center.
 - C. Apply antibiotic cream.
 - D. Cover the burns with a sterile dressing.
12. Pleural effusion is also known as:
- A. pneumothorax
 - B. hemothorax
 - C. hydrothorax
 - D. spontaneous pneumothorax
13. Which of the following clients with burns will most likely require an endotracheal or tracheostomy tube? A client who has:
- A. Electrical burns of the hands and arms causing arrhythmias.
 - B. Secondhand smoke inhalation.
 - C. Chemical burns on the chest and abdomen.
 - D. Thermal burns to the head, face, and airway resulting in hypoxia.
14. A patient admitted to the hospital in hypertensive crisis is ordered to receive hydralazine (Apresoline) 20mg IV stat for blood pressure greater than 180/100 mmHg. The best response of the nurse to this order is to:
- A. Administer the dose and repeat as necessary
 - B. Give medication if patient's blood pressure is > 190/100 mmHg
 - C. Call the physician because the order is not clear
 - D. Give the dose immediately and once
15. Type of insulin is used in Diabetic Ketoacidosis
- A. Soluble insulin
 - B. Mixtard insulin
 - C. Glargin insulin
 - D. Rapid acting insulin
16. Which data should the nurse expect when taking a health history from a client diagnosed as having acute pyelonephritis?
- A. recent urethral catheterization
 - B. chronic urinary tract infections
 - C. long-standing hypertension
 - D. recent influenza exercises.
17. Stimulation of the sympathetic nervous system produces which of the following responses?
- A. Bradycardia
 - B. Decreased myocardial contractility
 - C. Hypotension
 - D. Tachycardia

18. Agranulocytosis manifested by
- A. Decrease white blood cells
 - B. Stiffness of the neck
 - C. Change in the level of consciousness
 - D. Abdominal pain
19. A client is being discharged following a corneal transplant. The nurse should instruct the client and caregivers to report which early manifestation of graft rejection?
- A. blind spot in the visual field
 - B. excess tearing in the eye
 - C. diplopia
 - D. decrease in vision
20. A client is brought to the emergency room with a third-degree heart block after experiencing an acute anterior myocardial infarction. Which of the following interventions is the priority on an emergency basis?
- A. Cardioversion
 - B. Administer lidocaine
 - C. Temporary pacemaker
 - D. Administer atropine
21. The stomach lies between the
- A. Esophagus and jejunum
 - B. Esophagus and the duodenum
 - C. Diaphragm and duodenum
 - D. Diaphragm and jejunum

22. Average length of oesophagus is
- A. 20 cm
 - B. 18 cm
 - C. 25 cm
 - D. 30 cm
23. A bone embedded within a tendon or a muscle is called
- A. Sesamoid
 - B. Ethmoid
 - C. Platypoid
 - D. None
24. The main components of the cardiac conduction system are the
- A. SA node
 - B. AV node
 - C. Bundle of His
 - D. All the above
25. Normal fasting blood sugar level is
- A. 60-100
 - B. 70-100
 - C. 60-80
 - D. 80-100
26. The brachial artery is closely related to the
- A. Ulnar nerve
 - B. Median nerve
 - C. Radial nerve
 - D. Brachial nerve
27. A human liver normally weighs
- A. 1.5-2 kg
 - B. 1.4-1.66 kg
 - C. 2-3 kg
 - D. 2.5 kg
28. Typical neuron consists of a cell body
- A. Dendrites
 - B. An axon
 - C. Axioneme
 - D. Both 1 and 2
29. Total blood volume is
- A. 6 lit.
 - B. 5 lit.
 - C. 4 lit.
 - D. 3 lit.

30. Blood returning to the heart from the inferior venacava enters
- A. Left atrium
 - B. Right atrium
 - C. Left ventricle
 - D. Right ventricle
31. Lithotomy position is given to a patient in all of the following conditions except:
- A. Rectal examination
 - B. Enema
 - C. Delivery
 - D. Catheterization
32. Total number of cases pertaining to any disease existing in a community at a given time is known as :
- A. prevalence rate
 - B. mortality rate
 - C. morbidity rate
 - D. incidence rate
33. Drug metformin is used in
- A. Diabetes
 - B. Obesity
 - C. PCOD
 - D. All of the above
34. ABC analysis for inventory control is based on :
- A. issuing criteria
 - B. cost criteria
 - C. item criteria
 - D. storing criteria
35. The term gastric lavage means
- A. Aspirating the fluid from stomach
 - B. Withdrawing of fluid from nose
 - C. Drawing of blood from blood vessels
 - D. None of these
36. Infection of middle ear is called as
- A. Sinusitis
 - B. Mastoids
 - C. Otitis media
 - D. Labyrinthitis
37. Malaria is transmitted by
- A. Fly
 - B. Mosquito
 - C. Fomite
 - D. None of the above.

38. Physiological reaction of emotions are
- A. Pulse rate increase
 - B. Blood pressure increase
 - C. Flushing of face & paleness
 - D. All of these
39. The most common symptom of laryngitis is
- A. Facial palsy
 - B. Sore Throat
 - C. Cold or flu like symptoms
 - D. Dry-cough
40. The main component of assessment are
- A. Collecting data
 - B. Organizing data
 - C. Recording data
 - D. All of these
41. Commonest site of brain abscess:
- A. Temporal
 - B. Base of the brain
 - C. Parietal
 - D. Occipital
42. Eradication means
- A. Causative organisms
 - B. Detection
 - C. Disinfection
 - D. Elimination of organisms
43. Downs syndrome is
- A. Duplication of chromosome 21
 - B. Duplication of chromosome 17
 - C. Absence of two chromosomes
 - D. None of them
44. Depression, anxiety and substance abuse in adolescents are
- A. Mental disorders
 - B. Emotional problems
 - C. Behavioral problems
 - D. All of these
45. Epistaxis means
- A. Bleeding from rectum
 - B. Bleeding from nose
 - C. Bleeding from ear
 - D. Bleeding from skin

46. Decrease in heart rate is
- A. Tachycardia
 - B. Bradycardia
 - C. Palpitation
 - D. Heart block
47. Thinking is also known as
- A. Motivation
 - B. Attention
 - C. Cognition
 - D. None of the above
48. Which one of the following should the client with multiple sclerosis be warned to avoid ?
- A. Hot water
 - B. Wet weather
 - C. Dry environments
 - D. Cold temperature
49. Which of the following is not a thermal agent of burns?
- A. Fire flame
 - B. Steam
 - C. Acid
 - D. None of the above
50. The graft of the patient taken from his own body is called
- A. Autograft
 - B. Allograft
 - C. Heterograft
 - D. Both Autograft & Allograft
51. Which of the following is not caused due to obesity in adults?
- A. Kidney and liver diseases
 - B. High blood pressure and high blood cholesterol
 - C. Coronary artery disease and type-II diabetes
 - D. Osteoarthritis and obstructive sleep apnea

52. Rigor of mortis means
- A. Stiffness of body
 - B. Stiffness of body during sleep
 - C. Stiffness of body after death
 - D. Stiffness of body after birth
53. Birth weight doubles at
- A. 5–6 Months
 - B. 7–8 Months
 - C. 6–7 Months
 - D. 3–4 Months
54. Hardest substance of the body is
- A. Bone
 - B. Blood
 - C. Cartilage
 - D. Tendon

Nurses Recruitment – 2018 (On Contract)
Answer Sheet

A. General Knowledge:

1. d). 2. a). 3. a). 4. a). 5. c). 6. c). 7. a). 8. a). 9. d).

B. English Language:

1. b. 2. d. 3. a. 4. iii. 5. c. 6. b. 7. d. 8. d. 9. c.

C. Numerical Ability:

1. c. 2. c. 3. a. 4. d. 5. d. 6. d. 7. a. 8. c. 9. b.

D. Logical Reasoning:

1. b. 2. b. 3. b. 4. b. 5. iv. 6. ii. 7. i. 8. i. 9. iv.

E. Subject Test:

1. A. 2. D. 3. A. 4. B. 5. D. 6. C. 7. C. 8. D. 9. D. 10. B. 11. D. 12. C. 13. D. 14. C. 15. A. 16. A. 17. D. 18. A. 19. B. 20. C. 21. B. 22. C. 23. A. 24. D. 25. B. 26. B. 27. A. 28. D. 29. A. 30. B. 31. A. 32. A. 33. D. 34. A. 35. A. 36. C. 37. B. 38. D. 39. B. 40. D. 41. A. 42. D. 43. A. 44. D. 45. B. 46. B. 47. D. 48. A. 49. C. 50. A. 51. A. 52. C. 53. C. 54. A.