



JAMMU AND KASHMIR PUBLIC SERVICE COMMISSION

RESHAM GHAR COLONY, BAKSHI NAGAR, JAMMU - 180001

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Subject: Conduct of Written Examination for the post(s) of Deputy Medical Superintendent, in Govt. Medical College, Jammu and Govt. Medical College, Srinagar in Health and Medical Education Department - Provisional Answer Key thereof.

Notification No. PSC/Exam/S/2024/03

Dated: 17.03.2024

In pursuance of Rule 10 (c) of the Jammu & Kashmir Public Service Commission (Conduct of Examination) Rules, 2022, as amended upto date, the Provisional Answer Key of Question Paper pertaining to the Written Examination for post(s) of **Deputy Medical Superintendent in Govt. Medical College, Jammu and Govt. Medical College, Srinagar in Health and Medical Education Department, held on 17.03.2024**, is hereby notified for seeking objections from candidates.

Provisional Answer Key

Test Booklet Question No. (Series A)	
Q1	B
Q2	D
Q3	A
Q4	C
Q5	B
Q6	C
Q7	A
Q8	A
Q9	A
Q10	C
Q11	D
Q12	C
Q13	B
Q14	C
Q15	A

Test Booklet Question No. (Series A)	
Q16	D
Q17	B
Q18	B
Q19	B
Q20	D
Q21	C
Q22	B
Q23	B
Q24	D
Q25	D
Q26	B
Q27	C
Q28	A
Q29	B
Q30	A

Test Booklet Question No. (Series A)	
Q31	C
Q32	D
Q33	C
Q34	B
Q35	B
Q36	B
Q37	C
Q38	C
Q39	B
Q40	C
Q41	A
Q42	B
Q43	B
Q44	A
Q45	C

Test Booklet Question No. (Series A)	
Q46	A
Q47	C
Q48	A
Q49	D
Q50	D
Q51	B
Q52	B
Q53	C
Q54	C
Q55	A
Q56	A
Q57	C
Q58	A
Q59	D
Q60	D
Q61	C
Q62	C
Q63	A
Q64	D
Q65	C
Q66	C
Q67	A
Q68	B
Q69	B
Q70	C

Test Booklet Question No. (Series A)	
Q71	A
Q72	A
Q73	D
Q74	A
Q75	B
Q76	C
Q77	A
Q78	A
Q79	B
Q80	C
Q81	A
Q82	B
Q83	C
Q84	D
Q85	A
Q86	B
Q87	B
Q88	A
Q89	D
Q90	C
Q91	C
Q92	D
Q93	B
Q94	B
Q95	B

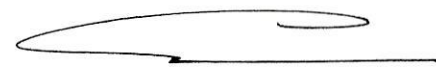
Test Booklet Question No. (Series A)	
Q96	C
Q97	D
Q98	A
Q99	C
Q100	B
Q101	B
Q102	D
Q103	C
Q104	A
Q105	B
Q106	D
Q107	D
Q108	B
Q109	D
Q110	B
Q111	B
Q112	D
Q113	B
Q114	A
Q115	C
Q116	D
Q117	D
Q118	B
Q119	A
Q120	C

The candidates are advised to refer to **Question Booklet (Series A)** to match the corresponding question(s) in their respective Question Booklet Series and if any candidate feels that the key to any of the question(s) is/are wrong, he/she may represent on prescribed format/proforma annexed as **Annexure-A** along with the documentary proof/evidence (**hard copies only**) and fee of Rs.500/- per question in the form of Demand Draft drawn in favour of **COE, J&K PSC** (refundable in case of genuine/correct representation) to the Controller of Examinations, Jammu & Kashmir Public Service Commission, from Monday i.e. 18.03.2024 to 20.03.2024. **The candidates are further advised to clearly mention the question(s) objected to with reference to its serial number as it appears in the Question Booklet of Series A of the provisional answer key(s).**

Further, any objection/application not accompanied by the requisite Demand Draft of Rs.500/- as prescribed, shall not be considered/entertained under any circumstances. Candidates are, in their own interest, advised to adhere to these instructions and not submit any objection unaccompanied by the Demand Draft as required under extant rules.

The Commission shall not entertain any such representation(s) after the expiry of the stipulated period i.e. after 20.03.2024 (Wednesday), 05.00 pm.

The provisional answer key(s) are available on the website of the Commission <http://www.jkpsc.nic.in>.


17.03.2024

(G.L Sharma), JKAS
Additional Secretary

 J&K Public Service Commission

Dated: 17.03.2024

No. PSC/Ex-Secy/2024/08

Copy to the: -

1. Director, Information and Public Relations, J&K for publication of the notice in all leading newspapers published from Jammu/Srinagar.
2. P.S. to Hon'ble Chairman, J&K Public Service Commission for information of the Hon'ble Chairman.
3. P.S. to Hon'ble Member, Shri _____ for information of the Hon'ble Member.
4. P. A. to Secretary, J&K Public Service Commission for information of the Secretary.
5. P.A. to Controller of Examinations, J&K Public Service Commission.
6. Main file/Stock file/Notice Board.

Annexure-A

Representation regarding objection(s) to any Question/Answer pertaining to the Written Test conducted for the post of Deputy Medical Superintendent held on 17.03.2024

(NOTE: USE SEPARATE FORMS FOR SEPARATE QUESTIONS)

Name of the Applicant : _____

Roll No. : _____

Correspondence Address : _____

Contact/Mobile No. : _____

Date of Application: _____ .03.2024

Demand Draft No. date : _____

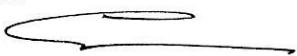
Candidates Account No.(16 digit) & IFSC Code : _____

Question No. in Series A	Details of the Objection	Resource Material (copy to be enclosed)	Details of the Website (if any)

Correct Answer/Option as per candidate :

Signature of the Candidate

Note : Application for each question/answer shall be made on separate page in the given format, otherwise the first question entered in the format shall only be considered.



DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Booklet Serial No. **100013**

Test Booklet Series

**TEST BOOKLET
DEPUTY MEDICAL SUPERINTENDENT**

A

Written Test - 2024

(41)

Time Allowed: Three Hours

Maximum Marks: 120

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series Code A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer /Response Sheet. Any omission/discrepancy will render the Response Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.
4. This Test booklet contains 120 items (questions). Each item comprises of four responses (answers). You will select the response which you want to mark on the Answer Sheet/Response 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.
5. You have to mark all your responses **ONLY** on the separate Answer /Response Sheet provided. See directions in the Response Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer /Response Sheet, the response to various items in the Test Booklet, you have to fill in some particulars in the Answer /Response Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Response Sheet and the examination has concluded, you should hand over to the Invigilator **only the Answer /Response Sheet**. You are permitted to take away with you the Test Booklet and **Candidate's Copy of the Response Sheet**.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. While writing Centre, Subject and Roll No. on the top of the Answer Sheet/Response Sheet in appropriate boxes use **"ONLY BALL POINT PEN"**.
11. **Penalty for wrong answers:**

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY THE CANDIDATE IN THE WRITTEN TEST (OBJECTIVE TYPE QUESTIONS PAPERS).

 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **(0.25)** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above for that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

(41) (A)/2024

[P.T.O.]

ROUGH WORK

(41) (A)

(2)

1. Grading of hospitals under Indian Public Health Standards (IPHS) is based on:
 - A) Bed turnover rate
 - B) Number of beds
 - C) OPD case load
 - D) Number of patients admitted

2. The proposal of new AIIMS has been a part of:
 - A) PMGSY
 - B) PMGRGS
 - C) NHRM
 - D) PMSSY

3. World Health Day is celebrated on:
 - A) 7th April
 - B) 31st May
 - C) 10th October
 - D) 1st December

4. All are covered under Drug and Cosmetics act except:
 - A) Insecticides and disinfectants
 - B) Ayurvedic and Unani Medicines
 - C) Bathing soaps
 - D) Contraceptives

5. The census organisation has been set up by the Ministry of:
 - A) Internal affairs
 - B) Home
 - C) Health
 - D) Agriculture

6. The Consumer Protection Act, 1986 provides for all except:
 - A) Right to be heard
 - B) Right to seek redressal
 - C) Right to privileged information of the company
 - D) Right to consumer education

7. Punishment for removal of human organs without authority is:
 - A) Imprisonment upto 5 years and a maximum fine of Rs. 10,000
 - B) Imprisonment upto 10 years and a maximum fine of Rs. 5,000
 - C) Imprisonment upto 1 years and a maximum fine of Rs. 50,000
 - D) Imprisonment upto 5 years and a minimum fine of Rs. 10,000

8. Pradhan Mantri Bharatiya Janaushadhi Pariyojana comes under which Ministry:
- A) Ministry of Chemicals and fertilizers
 - B) Ministry of Health and Family Welfare
 - C) Ministry of Home Affairs
 - D) Ministry of Chemicals and Pharmaceuticals
9. Health care quality has three cornerstones:
- A) Quality, Access and Cost
 - B) Quality, Expectation and Cost
 - C) Expectation, Effectivity and Access
 - D) Quality, Effectivity and Cost
10. Mark the incorrect statement regarding Lean Manufacturing:
- A) It is the optimal way of producing goods through the removal of waste and implementing flow, as opposed to batch and queue.
 - B) It is a generic process management philosophy derived mostly from the Toyota production system
 - C) Lean philosophy is independent of the JIT concept.
 - D) A Lean process requires reduced variability and uncertainty in the supply chain to reduce needs or raw materials and finished goods inventories
11. Which is incorrect about Preventive Maintenance?
- A) It reduces the down-time of the equipment
 - B) It increases the life of the equipment
 - C) It ensure economic and effective functioning of equipment
 - D) It increases the use of consumables and spares
12. The quality circle tools are all except:
- A) The Ishikawa Diagram
 - B) The Pareto Chart
 - C) Total Quality Management
 - D) The PDCA-Deming Wheel
13. Pseudomonas Pyocyaneus infection is caused mainly in case of:
- A) Bacillary dysentery
 - B) Burns
 - C) Urinary tract infections
 - D) Gangrene
14. In case of a fire, the initial evacuation is:
- A) Vertical upwards
 - B) Vertical downwards
 - C) Horizontal
 - D) Tangentially

15. The recovery ward should be located as close as possible to the operating room but should be:
- A) Outside the "Clean Zone"
 - B) Inside the "Clean Zone"
 - C) In the intensive care unit
 - D) In the postoperative wards
16. The mismatch in terms of average energy consumption in the following is:
- A) HVAC- 40 to 60
 - B) Medical Equipments- 3 to 5
 - C) Sterilization and incineration- 2 to 3
 - D) Laundry- 1 to 2
17. Laminar airflow is predominantly a function of:
- A) Size of filter
 - B) Velocity
 - C) Contaminants
 - D) Constituent gases
18. Which is correctly matched with respect to class of fires with material causing fire?
- A) Class A: Zirconium
 - B) Class B: Alcohol
 - C) Class C: Paper
 - D) Class D: Oil
19. Down time index is used as an index for:
- A) Training of staff
 - B) Maintenance performance
 - C) Use co-efficient
 - D) Off hour
20. Characteristics of an efficient use of Information Technology in hospital scenario are all except:
- A) Ability to store timely, accurate and consistent data
 - B) Ability to retrieve timely, accurate and consistent data
 - C) Effectively report those data
 - D) Effectively protect from transferability of data to other applications

21. Manpower planning can be achieved in hospital by utilisation of all the following except:
- A) Inventory models
 - B) Simulation
 - C) Gaussian distribution
 - D) Linear Programming
22. Monte Carlo is a:
- A) Inventory control method
 - B) Simulation method
 - C) Game theory
 - D) Queuing theory
23. A pictorial diagram of frequency distribution is:
- A) Pictogram
 - B) Histogram
 - C) Pie charts
 - D) Bar charts
24. Which of the following curves show events with the passage of time?
- A) Epidemic curve
 - B) Line diagrams
 - C) Scatter diagram
 - D) A & B
25. In a "Brisch system" of codification which is not true?
- A) This system consists of seven digits and is applied in 3 phases
 - B) Materials to be codified are grouped together so as to form a major group
 - C) Materials are further divided according to nature, use, characteristics, class etc
 - D) As per requirements, digits cannot be increased or decreased

26. Drug distribution system, in which a master card is carried with all types of supplies from central stores to all user wards and departments on fixed days and delivers a predetermined fixed quota of stores without prior indent is known as:
- A) Cardex system
 - B) Fixed shelf system
 - C) Two bin system
 - D) Perpetual inventory system
27. In the Product Life Cycle concept in marketing, the strategy for product during maturity phase should be:
- A) Offered a basic product
 - B) Offered product extension
 - C) Diversity
 - D) Phasing out
28. Central Pollution Control Board was constituted under Section 3 of:
- A) Water (prevention and Control of Pollution) Act
 - B) Air (prevention and Control of Pollution) Act
 - C) National Environment Tribunal Act
 - D) Hazardous Waste Management Rules
29. While planning the emergency ward, percentage of beds to be allocated are:
- A) 5% of total beds
 - B) 10% of total beds
 - C) 20% of total beds
 - D) 30% of total beds
30. In the operating room, the pressure relationship to adjacent areas should be:
- A) Positive
 - B) Negative
 - C) Equal
 - D) No requirement of continuous directional control

31. A method in which the patient is assigned a new number on each admission and all previous records are brought forward under the latest number on each readmission is called:
- A) Serial numbering
 - B) Unit numbering
 - C) Serial unit numbering
 - D) Forward numbering
32. Which is the most common type of waste generated in a laboratory?
- A) Human tissue
 - B) Infected soil excluding syringes and needles
 - C) Liquid
 - D) General municipal waste
33. Dose in radiation terminology means:
- A) Pulse generated by radiation equipment
 - B) Amount of power required by equipment
 - C) Energy absorbed in matter from ionizing radiation per unit mass of the matter
 - D) Amount of radioactive material required for fluoroscopy examination
34. In weaving fabrics like cut bandages there are two sets of threads. The intertwining or crossing the vertical threads are:
- A) Wrap
 - B) Weft
 - C) Matrix
 - D) Hairs
35. Consumer protection act provides for certain rights to the consumers. A consumer has a right to present before the appropriate forum or authorities all those matters which affects his interests. This right of consumer is termed as right to be
- A) Informed
 - B) Heard
 - C) Safety
 - D) Educated
36. What are LEED standards used for?
- A) They dictate the amount of emissions certain manufacturing building can emit
 - B) They guide the design and certification for the construction of sustainable buildings.
 - C) They are used to certify industries as environmentally friendly
 - D) They dictate whether a forest is being cut in a sustainable manner or not

37. Break-even point analysis, analyses the relationship between revenue and _____.
- A) Variable Cost
 - B) Expenses
 - C) Cost
 - D) Volume
38. What is Corona virus?
- A) It is a large family of viruses.
 - B) It belongs to the family of Nidovirus.
 - C) Both A and B are correct
 - D) Only A is correct
39. ETOP stands for _____.
- A) Environmental threat and opportunity project
 - B) Environmental threat and opportunity profile
 - C) Environmental treaty and opportunity profile
 - D) Environmental threat and optimum profile
40. The process of forecasting an organization's future demands for and supply of right type of people in right number is
- A) Product planning
 - B) Process planning
 - C) Manpower planning
 - D) All of the above
41. From where corona virus got its name?
- A) Due to their crown-like projections
 - B) Due to their leaf-like projections
 - C) Due to their surface structure of bricks
 - D) None of the above
42. Of the factors listed which one would have a tendency to expand the span of management:
- A) Subordinates are physically distant
 - B) Subordinates have similar functions
 - C) Subordinates have complex tasks
 - D) Subordinates tasks need close co-ordination
43. PPEs such as goggles, face shields, aprons, plastic coverall, gloves are collected in which waste as per latest Biomedical Waste management guidelines
- A) Yellow
 - B) Red
 - C) Blue
 - D) White

44. Left over food, disposable plates, glass, used masks, tissues used by COVID patients are collected in:
- A) Yellow
 - B) Red
 - C) Blue
 - D) Black
45. Organisation effectiveness comprises all except:
- A) Productivity power
 - B) Adaptability to change
 - C) Flexibility in structure and strategy
 - D) Rigidity in structure
46. Harrison suggested different methods of monitoring of medical audit. Which of the following method of monitoring is based on the primary idea of learning by mistakes?
- A) Peer review
 - B) Sentinel cases
 - C) Surveys
 - D) Criterion based audit
47. A hospital requires to check and understand the applicability of the standard clauses for the institution. In India, all the hospitals have been certified for:
- A) ISO 9000
 - B) ISO 9001
 - C) ISO 9002
 - D) ISO 9003
48. Managerial authority denotes:
- A) Right to act or direct the action of other in attainment of organizational goals
 - B) Right to give orders and to extract obedience
 - C) Supreme co-ordinating power
 - D) All of the above
49. The process of decomposition of biodegradable solid waste by earthworms is called _____
- A) Landfill
 - B) Shredding
 - C) Composting
 - D) Vermicomposting

50. The concept of SBU includes
- A) Unrelated products and businesses that are separated
 - B) The fact that each SBU has its own CEO
 - C) A scientific method of grouping the business
 - D) All of the above
51. It refers to formal and informal rules, regulations and procedures that complement the company structure.
- A) Strategy
 - B) Systems
 - C) Environment
 - D) All of the above
52. Quality Circle is basically an idea based on
- A) American Synthesis on Japanese Idea
 - B) Japanese Synthesis of American Idea
 - C) German Synthesis on Japanese Idea
 - D) American Synthesis on German Idea
53. The most effective, time saving and practical means of obtaining sterility of heat sensitive, fragile and expensive equipment is by:
- A) Radiation sterilization
 - B) Steam sterilization
 - C) Ethylene oxide gas sterilization
 - D) Chemical disinfection
54. If there are 200 beds for surgical patients and average length of stay is 10 days, then there will be on an average:
- A) 10 operations/ day
 - B) 15 operations/ day
 - C) 20 operations/ day
 - D) 30 operations/ day
55. Which of the following means translating the message into verbal and non-verbal symbols to communicate the message to receiver?
- A) Encoding
 - B) Decoding
 - C) Channel
 - D) Feedback

56. A change in an individual's behaviour prompted by information and experience refers to which one of the following concept?
- A) Learning
 - B) Role selection
 - C) Perception
 - D) Motivation
57. If the person using the child for pornographic purposes commits an offence referred to in Section 7, by directly participating in pornographic acts, he shall be punished with imprisonment of either description for a term which shall not be less than
- A) Two years but which may extend to four years, and shall also be liable to fine
 - B) Four years but which may extend to six years, and shall also be liable to fine
 - C) Six years but which may extend to eight years, and shall also be liable to fine
 - D) Eight years but which may extend to ten years, and shall also be liable to fine
58. Which is true for a diaper contaminated with cytotoxic drug?
- A) Is a biomedical waste and should be disposed off in yellow bag
 - B) Is a biomedical waste and should be disposed off in blue bag
 - C) Is a general waste and disposed off separately
 - D) Is a general waste and disposed off in blue bag
59. _____ is an onboarding and knowledge sharing method used to orient new employees.
- A) Friend
 - B) Playmate
 - C) Companion
 - D) A buddy system
60. Standing plans that furnish more guidelines for channeling management thinking in specified directions are called:
- A) Procedures
 - B) Programs
 - C) Single use plans
 - D) Policies

61. Why Do Plastics Fall Under a Difficult Material to Recycle?
- A) Because it is a very hard material
 - B) Because plastic is very adhesive in its nature
 - C) Because of different types of polymer resins
 - D) Because of the different sizes of plastic
62. Which of the following is correct regarding disposal of waste by landfilling?
- A) Economical method
 - B) Preferred in low lying areas
 - C) Foul gases are not produced
 - D) Separation of different types of waste not required
63. Consider the following statements:
1. Brain Stem death is recognized as a legal death in India under the Transplantation of Human Organs Act, 1994.
 2. Transplantation of Human Organs Act, 1994 is now adopted by all States except Jammu and Kashmir.
- Which of the statements given above is/are correct?
- A) 1 only
 - B) 2 only
 - C) Both 1 and 2
 - D) Neither 1 nor 2
64. What are the information not open to disclosure under RTI Act 2005 ?
- a) Disclosure of which would prejudicially affect the sovereignty and integrity of India, the security, strategic, scientific or economic interests of the State, relation with foreign State or lead to incitement of an offence
 - b) Information which has been expressly forbidden to be published by any court of law or tribunal or the disclosure of which may constitute contempt of court
 - c) Information, the disclosure of which would cause a breach of privilege of Parliament or the State Legislature
 - d) Information including commercial confidence, trade secrets or intellectual property, the disclosure of which would harm the competitive position of a third party, unless the competent authority is satisfied that larger public interest warrants the disclosure of such information
- Choose the correct answer from the codes given below:
- A) a, b & c
 - B) a, b & d
 - C) a, c & d
 - D) a, b, c & d

65. Match the following:

- | | |
|-----------------------|--|
| a. Sociogram | 1. Points towards actual friendship groups |
| b. Interaction charts | 2. Points towards possible friendship groups |
| c. Influence charts | 3. Used for charting problem solving networks for identifying individuals who are most commonly asked for help |
- A) a:1, b:2, c:3
B) a:2, b:3, c:1
C) a:1, b:3, c:2
D) a:3, b:2, c:1

66. Consider the following missions with regard to Ayushman Bharat Digital Mission:

- i. The mission will improve equitable access to quality healthcare by encouraging use of technologies such as telemedicine and enabling national portability of health services.
- ii. Under this, every citizen will now get a digital health ID and their health record will be digitally protected
- iii. All India Institute of Medical Sciences (AIIMS) will be the implementing agency of Ayushman Bharat Digital Mission (ABDM).

Which of the above statement(s) is/are correct?

- A) iii only
B) i only
C) i and ii only
D) i, ii and iii

67. "Everyone benefits when the focus is on common interest and promotion of harmony" is the underling assumption of which one of the following approaches to industrial relations?

- A) Unitary approach
B) Pluralistic approach
C) Marxist approach
D) Human relations approach

68. Which among the following statement is incorrect with respect to Pradhan Mantri Jan Arogya Yojana (PM-JAY), a component under the Ayushman Bharat?

- A) PM-JAY is the world's largest health insurance/ assurance scheme fully financed by the government and cost of implementation is shared between the Central and State Governments.
- B) It provides a cover of Rs. 5 lakhs per family per year for primary, secondary and tertiary healthcare needs across public and private empanelled hospitals in India
- C) The households included are based on the deprivation and occupational criteria of Socio-Economic Caste Census 2011 for rural and urban areas respectively
- D) Benefits of the scheme are portable across the country i.e. a beneficiary can visit any empanelled public or private hospital in India to avail cashless treatment

69. What is reverse triage?
- A) Less injured – more preference
 - B) More injured – less preference
 - C) All equally preferred for treatment
 - D) Coding with colors

70. What does this symbol represents?



- A) Hazardous to both living and non-living material, can cut or burn
 - B) Harmful to living tissue
 - C) Corrosive
 - D) Dangerous liquid, don't touch
71. Given below are 3 principles of management. Match each of the following phrases with their respective principle

- | | |
|--|----------------------------------|
| a. Emphasizes the need for team work | 1. Principle of unity of command |
| b. An employee should receive orders from one superior only | 2. Scalar chain |
| c. Denotes lines of authority from the highest executive to the lowest one | 3. Espirit De corps |

- A) a:3, b:1, c:2
- B) a:2, b:1, c:3
- C) a:1, b:2, c:3
- D) a:3, b:2, c:1

72. OSHA assignment is to set standards and conduct _____.

- A) Inspections
- B) Estimation
- C) Analysis
- D) Tests

73. What does the phrase “Assigned Protection Factor (APF)” refer to?

- A) The level of protection that engineering controls and work practices offer against respiratory hazards
- B) The point at which a respirator stops offering any protection to the wearer
- C) The employee to whom a respirator is assigned
- D) The level of protection that a respirator or a class of respirator is expected to offer

74. Breakdown of a job into various components:
- A) Job analysis
 - B) Job description
 - C) Job specification
 - D) Job requirement
75. _____ is an excellent choice and cheaper source of recruitment.
- A) Interactive
 - B) Social networking
 - C) Friendly
 - D) Communicating
76. Which of the following may be defined as systematized tailor-made exercise to suit the needs of a particular organization for developing certain attitudes, skills and abilities?
- A) Exercise
 - B) Teaching
 - C) Training
 - D) Workout
77. The report of 1962 gave birth to the official title of "Accident and Emergency Service"
- A) The platt report
 - B) Bang theory
 - C) Din report
 - D) Crash report
78. Introduction of change is an essential ingredient for success in organizations. At what level is change easiest when force is not a factor:
- A) Knowledge
 - B) Attitude
 - C) Individual behaviour
 - D) Group behaviour
79. In ICD-'U' code is for:
- A) Not specified site
 - B) Future expansion
 - C) No sub site
 - D) Unknown site
80. GFR rule 149 applies to:
- A) Purchase from local market
 - B) Purchase through Rate contract
 - C) Purchase through Gem
 - D) Purchase through Limited e-tender

81. The Principle of Unity of Command applies
- In union there is strength
 - Employees should receive orders from one superior only
 - Group should be assigned the responsibility of commanding
 - None of the above
82. Forecasting technique aid a modern day manager to take futuristic decisions. Identify the group of forecasting technique to which the following belong:
- | | |
|--------------------------|--|
| a. Delphi method | 1. Time series analysis and projection |
| b. Moving average method | 2. The casual models |
| c. Regression model | 3. Qualitative forecasting |
- a:1, b:2, c:3
 - a:3, b:1, c:2
 - a:2, b:3, c:1
 - a:3, b:2, c:1
83. Business game is a popular:
- T-group training exercise
 - Role playing procedure
 - Simulation technique
 - None of the above
84. Under this rating system for performance appraisal employees are ranked in order of overall merit or quality:
- Graphic scale
 - Forced distribution
 - Critical incident
 - Ranking
85. (i) Manager inventory chart is a helpful aide in assessing the available managerial resources.
- (ii) It helps keep the top management abreast of the management potential within the firm
- If both statements are true than statement (ii) is the correct explanation of statement (i)
 - If both statements are true and statement (ii) is not the correct explanation of statement (i)
 - Statement (i) is true and Statement (ii) is false
 - Statement (ii) is true and Statement (i) is false

86. Open door policy is an aid to:
- A) Downward communication
 - B) Upward communication
 - C) A and B
 - D) None of the above
87. Most desirable leader behaviour as per managerial grid is:
- A) Country club (1,9)
 - B) Team management (9,9)
 - C) Impoverished (1,1)
 - D) Middle Road (5,5)
88. The theory that effective groups depend on a proper match between leader's style of interacting with subordinates and degree to which the situation gives control to the leader is called _____
- A) Fiedler contingency model
 - B) Cognitive resource theory
 - C) Situational leadership theory
 - D) Behavioural theory
89. The process of incorporating motivators into the job situation is called:
- A) Job enlargement
 - B) Flexitime
 - C) Satisfier
 - D) Job enrichment
90. Which is a mismatch?
- A) Tertiary – disability limitation
 - B) Secondary – early diagnosis
 - C) Primordial – specific protection
 - D) Primary – health promotion

91. Which of the following statements is not true regarding management controlling?
- A) Break even analysis analyses 3 factors- cost, sales volume and profit
 - B) PERT, CPM and Gantt chart are management controlling techniques for scheduling
 - C) Only one time estimate is given in PERT
 - D) If time is of essence, PERT is most useful and if cost is very important CPM may be used
92. With a basic attitudinal assumption that “conflict is inevitable and agreement is impossible” what path will people take for conflict resolution when stakes for them are low?
- A) Win-lose (power struggle)
 - B) Peaceful co-existence
 - C) Problem solving
 - D) No action
93. “Small talk” showing interest, seeking information and empathizing are all positive behavioural indications that a counsellor undertakes as a part of which step of formal counselling:
- A) Exploration
 - B) Initiating
 - C) Formulation of an action plan
 - D) None of the above
94. Collective bargaining is dealt with in:
- A) Financial management
 - B) Personnel management
 - C) Operational management
 - D) Production management
95. The entry in the ledger as “Rent account” is an example of:
- A) Real account
 - B) Nominal account
 - C) Personal account
 - D) Cash account
96. Communication is the lifeline of any organisation. It is of varied types. One of them is also known as the “Underground Telegraph System”. It is
- A) Sociogram
 - B) Interaction chart
 - C) Grapevine
 - D) None of the above

97. According to Ansoff's matrix for market planning, selling new products to new customers is:
- A) Market penetration
 - B) Market development
 - C) Product development
 - D) Diversification
98. The types of decision mode adopted when the complexity of problem is low and uncertainty of the outcome is high
- A) Judgemental decisions
 - B) Adaptive decisions
 - C) Mechanistic decisions
 - D) Analytical decisions
99. The third stage in group development, characterized by close relationships and cohesiveness:
- A) Adjourning
 - B) Performing
 - C) Norming
 - D) Storming
100. Which is incorrect for Amortization?
- A) It calculates the value for business assets over time
 - B) It is the practice to spread fixed asset's cost over that asset's useful life
 - C) Straight line method is often the only amortization method
 - D) Assets using amortization method do not have resale or salvage value
101. Aptitude is:
- A) Way of behaving
 - B) Natural ability or skill
 - C) Characteristics of a person seen as a whole
 - D) Conventional form of action
102. Merits of line functions include all except:
- A) Inadequacy of specialisation
 - B) Inadequacy of communication
 - C) Unified command
 - D) Unsuitable for complex organization
103. Passive observation of environmental parameters is called:
- A) Screening
 - B) Surveillance
 - C) Monitoring
 - D) Evaluation

104. Sullivan's index is calculated by:
- A) Life expectancy – (probable duration of bed disability + inability to perform major activity)
 - B) Life expectancy at age of one – (probable duration of bed disability + inability to perform major activity)
 - C) Life expectancy – probable duration of bed disability
 - D) Life expectancy – probable duration of inability to perform major activities
105. The latest revision of ICD, the tenth has major chapters:
- A) 11
 - B) 21
 - C) 32
 - D) 41
106. Which one of the following means a mandatory settlement of an industrial dispute by a labour court or a tribunal?
- A) Collective bargaining
 - B) Arbitration
 - C) Conciliation
 - D) Adjudication
107. Good sanitation practices have played a vital role in reducing the spread of Covid-19 infection and other respiratory diseases. All of the following are important sanitation practices that can help in killing or reducing viable pathogens, Except?
- A) Handwashing and use of an oral mask for personal hygiene
 - B) Use of chemical disinfectants to clean the surface area
 - C) Fumigation of area for the decontamination of air
 - D) Getting the recommended vaccine shot against the disease
108. Autoclave is a widely used equipment for the sterilization process in microbiology laboratory, it is an example of moist heat method. Which of the following is the recommended heat temperature and time period for the moist heat sterilization process conducted in an autoclave?
- A) 180 degree C for 5 minutes
 - B) 121 degree C for 15 minutes
 - C) 126 degree C for 3 minutes
 - D) 160 degree C for 45 minutes
109. Which one of the following is not an ordering cost?
- A) Clerical and administrative costs of purchasing, accounting, and goods reception
 - B) Transportation costs
 - C) Unloading costs
 - D) Storage costs

110. A budget that requires management to justify all expenditures, rather than just changes from the previous year, is referred to as a:
- A) Perpetual budget
 - B) Zero-based budget
 - C) Self-imposed budget
 - D) Participative budget
111. NITI Aayog stands for:
- A) National Institute for Transforming India
 - B) National Institution for Transforming India
 - C) National Institute for Transmitting India
 - D) None of the above
112. Planning involves setting targets and predicting future conditions, thus helping in making a choice. Which importance of planning is highlighted in the above statement?
- A) Planning provides directions
 - B) Planning reduces overlapping and wasteful activities
 - C) Planning reduces the risk of uncertainty
 - D) Planning facilitates decision making
113. _____ spells out specific required actions or non-actions, allowing no discretion
- A) Procedures
 - B) Rules
 - C) Policies
 - D) Programs
114. Which personnel action is used when demand of managers is high and supply of managers is also high?
- A) Selection
 - B) Layoffs
 - C) Compensation
 - D) Training and development
115. Which of the following errors are potentially eliminated with the implementation of electronic health record technology?
- A) Medication errors
 - B) Transcription errors
 - C) Both of these
 - D) None of these

116. The third-party roles in conflict management are:
- A) Mediator
 - B) Arbitrator
 - C) Conciliator
 - D) All of the above
117. The Sample Registration Scheme (SRS) is the main source of information on:
- A) Morbidity rate
 - B) Fertility rate
 - C) Mortality rate
 - D) Birth and death rate
118. In a given population, the number of deaths due to cancer per 100 total deaths is called as:
- A) Case fatality rate
 - B) Proportional mortality rate
 - C) Crude death rate
 - D) Survival rate
119. Which of the following is the barrier to the implementation of Electronic health records?
- A) Lack of standards
 - B) E-prescribing options
 - C) Identified ROI
 - D) Increased patient safety
120. Ambiguous word meanings are factors of _____ barriers
- A) Psychological
 - B) Physiological
 - C) Semantic
 - D) Physical
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ROUGH WORK

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