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NSQF LEVEL-2

KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD, MALLESWARAM, BANGALORE - 560 003

NSQF LEVEL-2 EXAMINATION, MARCH/APRIL, 2017

MODEL ANSWERS

Date: 10.04.2017]

CODE NO. : 89-EK

Subject: Health Care

(English Version)
(Regular Fresh)

[Max. Marks: 60

Q1 No		Value Points	Total
I.	1.	C — specialized hospital	1 1
	2.	B — Ear Nose Throat	
	3.	D — 30 to 50	
	4.	A — Cardiologist	
	5.	B — Clear and full fluid food	
	6.	C — Lactobacillus	
	.7.	D — heat stroke	
	8.	A — tetanus toxoid	1
	9.	B — cell	1
	10.	D — Leg injury.	1
II.	11.	Haematology hospital	1
	12.	12 to 16	1
	13.	Trauma wound	1
	14.	108	1
III.	15.	i) c) Manufacture of vitamin D.	1
		ii) e) Stores the urine.	
		iii) g) Carry blood away from the heart.	
		iv) a) Carry blood towards the heart.	

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[Turn over

Qn. Nos.	Value Points		Total
IV. 16.	Teaching and training institute for doctors.		1
17.	To discard the soiled linen and to send the soiled linen to the laundry.		1
18.	 It helps in promoting comfort and relaxation It relieves pressure on the diaphragm It improves gastrointestinal function It improves respiratory function It allows for greater lung expansion It prevents deformities and pain It stimulates circulation of blood It helps in giving a range of motion exercises for relieving from stress. (Any two) 	½ ½	1
19	Pathogen is a micro-organism that has the potential to cause disease.		1
20.	i) It is communicable diseaseii) Pathogen spread through air by coughing and sneezing of T.B. patient.	½ ½	1
21	Three molecules of fatty acid is combined with a molecule of glycerol.		1
V. 22	 Love for the fellowmen Honesty and loyalty Discipline and obedience Alertness Technical competence Dependability and adjustability. Ability to inspire confidence Resourcefulness, Ability to manage time and resources Courtesy and dignity Sympathy and empathy Intelligence and Common sense Patience and sense of humour Gold physical and mental health Generosity Gentleness and quietness. (Any four) 	1/ ₂ 1/ ₂ 1/ ₂ 1/ ₂ 1/ ₂	
	 Responsibility for collecting the money Paying for the supplies and equipment Handling all records pertaining to hospital finance Keeping records of assets and liabilities and assist in budget preparation. Functions of the department and the accounts help the business manager. (Any four) 	1/ ₂ 1/ ₂ 1/ ₂ 1/ ₂ 1/ ₂	2

Qn. Nos.	Value Points		Total
23.	a) Place the tip of the thermometer in posterior sublingual		
	pocket.		
	b) Maintains the thermometer in the mouth for at least	1/2	
	3-5 minutes.		
	c) Remove and wipe the thermometer with tissue from the	1/2	
	stem towards the bulb in order to read the calibrations		
	accurately.	1/2	
	d) Read the temperature at eye level and rotate slowly		
	until chemical level is visualized then read. Record the	1/2	
	reading.		2
24.	Respiratory tract (mouth and nose)	1/2	
	Gastrointestinal tract (mouth oral cavity)		
	Urogenital tract	1/2	
		1/2	
	Breaks in the skin surface.	1/2	2
25.	Medical tap		
	Cotton balls		
	Safety pins	1	
	Band-aids of all sizes		
	Sterile water bottle		
	Arm sling	1	
	• Chemical ice pack	1	
	Chemical hot pack		
	• Thermometer		
	Tweezers Scissors		
	• Scissors • Torch		
	Nail clippers		
	Jack knife		
	Sterile gloves		
	Clean string for a variety of uses. (Any eight)		2

Qn. Nos.	♥ Value Points		Total
26.	Check — * What has happened		
	* What is wrong with the person	1	
	* Comfort the victim and arrange shelter.		
	Call — * Arrange for professional aid		
	Care — * Help the victim without unnecessary handling	1/2	
	the casualty.	1/2	2
	OR		
	Lack of pain due to destroyed nerves		
	The injured area does not turn white on touch	1/2	
	No blisters observed, swelling occurs	1/2	
	Skin develops leathery texture	1/2	
	Discolouration of skin is observed, scars develop and	1/2	
	crusty surfaces occur. (Any four)		2
27.	Hospital receptionist helps the patient regarding	1/2	
	information on outpatient department timings.		
- Aller - Aller	Investigating reports.	1/2	
	Location of the department.	1/2	
	They have managed the crowd.	1/2	2
VI. 28	Primary health care is the first level of contact with		
	individuals, the family and community provides doctors,		
	nurses, physician assistants.	1	
	It is close to the people where most of their health		
	problems can be dealt with resolved.	1	
	It is at this level that health care will be most effective		
	within the context of the area's needs and limitations.	1	3

Nos.	∀alue Points		Total
29.	 Normal weight and height for age, body build up and 		
	developmental stage	1/2	
	Adequate appetite	1/2	
	Active and alert	1/2	
	Firm and healthy skin	1/2	
	Erect posture with straight arms and legs	1/2	
	Well-developed muscle without excess body fat	/2	
	Normal schedule of tooth eruption and healthy teeth	1/	
	and gums	1/2	
	Normal urinary and bowel elimination patterns		
	Normal sleep patterns		
	Normal haemoglobin, haemotocrit and serum protein		
	 level Absence of diet related abnormalities. (Any six) 		3
	• Absence of diet related abnormalities. (Ally Six) OR		
	High calorie or low calorie diet	1/2	
	High protein or low protein diet	1	
	Low salt or salt free diet	1/2	
	Sippy's diet	1/2	
	As part of the treatment	1/2	
	Many pathological conditions bring about changes in	1/2	
	the body.	1/2	3
30.	 Every hospital should have policies to ensure appropriate on call coverage of the emergency department by specialists and sub-specialists. Who are on call to evaluate and treat patients in the emergency department. Hospitals are responsible for 	1	
	 ensuring that on call physician responds within a reasonable period of time. The medical staff by laws or policies and procedures 	1	
	must define the responsibilities of on call physician to respond, examine and treat patients.	1	3
31.	Remove the stinger using a straight-edged object like	1	
	sterilized needle	1	
	• Wash the area thoroughly with soap and water. Place		
	ice wrapped in a cloth on the affected area. Repeat after		
	every 10 minutes.	1	
	Apply a gentle cream to prevent itching.		
	 Consult a doctor in case of severe bite symptoms. 	1	3

Qn. Nos.	Value Points		Total
VII. 32	Aorta Right atrium	Diagram 3 Parts 1/2 × 2 = 1	4
33	By providing direct patient care using practices which minimise infections.		
	 By following appropriate practice of hygiene. By supporting the infection control committee. 	$\frac{1}{2}$	
	 Supporting the infection control team. Protecting their own patients from other infected 	1/2	
	patients and from hospital staff who may be infected. Complying with the practices approved by the	1/2	
	 infections control committee. Obtaining appropriate microbiological specimens when an infection is present or suspected. 	1/2	
	 Notifying cases of HAI to the team. Complying with the recommendation of the 	1/2	
	Antimicrobial use of committee regarding the use of antibiotics.	1/2	
	Advising patients, visitors and staff on techniques to prevent the transmission of infection.	1/2	
	• Instituting appropriate treatment for any infections they themselves have and taking steps to prevent such infections being transmitted to other individuals,	1/2	
	especially patients. (Any <i>eight</i>) OR		4

Qn. Nos.	Value Points		Total
	a) Parasite — Organism which lives inside different organisms in a symbiotic relationship in which only the parasite benefits from the symbiosis. b) The agent — The agent or microbe that causes the	1	
	disease is the cause of the disease when studying the epidemiology of most infectious diseases.	1	
	c) An infection — as the invasion and multiplication of pathogenic microbes in an individual or population.	1	
	d) Disease — when the infection causes damage to the individuals, vital functions or systems.	1	4
34.	• Administrative areas for basic tasks that once were done on paper.	1	
	• Staffing and scheduling systems are used to construct daily, weekly or monthly schedules, many schedules, systems also collect data of individual employees.	1	
	 Such as the amount of sick time used or vacation hours accumulated staffing and scheduling systems. Provide a variety of reports to the administrative officer. 	1	
	Budgeting and financial tracking are another way in which computers are used in administration. OR	1	4
	• A skillful GDA may be appointed to deal with telephone as a receptionist in the front office. They may be placed in a central telephone exchange room also like receptionists. They are an important first point of		
	contact for patients and their families and are a vital link between caller and the person. • Who can help callers might be anxious or upset.	1	
	Waiting to hear about a friend or relative or phoning to check details of an important clinic appointment. GDA can also handle urgent calls between members of	1	
	the health care team in hospitals and the community. A GDA might call to arrange an emergency appointment for a patient or a health visitor might	1	
	want to check some key information about a child.	1	4