

**MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATION, MUMBAI**

1	Name of Course	<b>C. C. In Nursing Care</b> (Revise W. E. F. 2017-18)						
2	Course Code	<b>201226</b>						
3	Max.No.of Students Per Batch	25 Students						
4	Duration	1 year						
5	Type	Full Time						
6	No.Of Days / Week	6 Days						
7	No.Of Hours /Days	7 hrs.						
8	Space Required	Practical Lab = 200 Sq feet Class Room = 200 Sq feet <b>Total = 400 Sq feet</b> 1) Institute Should have MOU with 25 Bedded functioning hospital with ICU facility. <b>OR</b> 1) Two hospital (combine 25 Bedded) MOU is allowed with ICU facility 2) But distance between Hospital and Institute Should not be more than 10 Km.						
9	Minimum Entry Qualification	S.S.C. Pass						
10	Objective Of Course	To Create Skill Nursing Care Assistant.						
11	Employment Opportunity	As a Assistant in Hospital Nursing Homes, home Health Nursing Clinics and Schools for disable.						
12	Teacher's Qualification	1) Degree in Medical / Public Health with 2 years Teaching Experience 2) Basic Nursing / GNM / ANM with 2 Years Experience.						
13	Training System	<b>Training System Per Week</b>						
		Theory		Practical		Total		
		12 hrs		30 hrs		42 hrs		
14	Exam System	Sr. No.	Paper Code	Name of Subject	TH/PR	Hours	Max. Marks	Min. Marks
		1	<b>20122611</b>	Anatomy, Physiology & First Aid	TH - I	3 hrs.	100	35
		2	<b>20122612</b>	Child Health Nursing & Midwifery	TH - II	3 hrs.	100	35
		3	<b>20122613</b>	Health Center Management & Communication Skill	TH -III	3 hrs.	100	35
		4	<b>20122621</b>	Anatomy, Physiology & First Aid	PR - I	3 hrs.	100	50
		5	<b>20122622</b>	Child Health Nursing & Midwifery	PR -II	3 hrs.	100	50
		6	<b>20122623</b>	Health Center Management & Communication Skill	PR - III	3 hrs.	100	50
				<b>Total</b>			<b>600</b>	<b>255</b>

## **Theory – I - Anatomy, Physiology & First Aid**

### **1)Anatomy, Physiology & First Aid**

#### **1.The human body**

The body's framework, functions.

General structure-cells, tissues, organs.

#### **2.The skeletal and muscular systems.**

The body's framework, functions.

Bones and joints-varieties, position names.

Muscle- Functions and types.

#### **3.The circulatory system**

Blood-composition, groups, clotting.

Heart-position, structure, functions

Blood vessels-names, position of chief blood vessels.

Circulation of blood- General pulmonary portal.

#### **4.The respiratory system**

Respiratory passage, organs, positions

Functioning of respiratory system.

#### **5.The Digestive system**

Alimentary canal-Position, structure and functions related glands.

Process of digestion and absorption.

Metabolism.

#### **6.The genital urinary system**

Urinary system-organs, positions, structure and skin structure functions.

#### **7.The nervous system**

Central nervous system-structure and functions.

Autonomic nervous system-structure and functions.

Organs of special sense- structure and functions.

#### **8.Sensory System**

Structure and function of eye, ear and nose

#### **•Ingumentary System**

Structure and function of skin

#### **•Introduction Principles of First Aid**

#### **•Objectives of First aid (aim) Purpose**

#### **•Golden rules of First Aid**

#### **•Diagnosis –**

1.History

2.Signs and Symptoms

3.Patients complaints

4.Treatment.

#### **•Fourteen qualities of first aider.**

**•Fractures:** Definition, causes of fractures, types of fractures, signs and symptoms.

**•Position:** Types of position, Aims.

- **Wound and bleeding type of wounds.**
- **Types of hemorrhage-** 1) External, 2) Internal
- **Various pressure points to control bleeding**
- **Foreign body management**
- **First Aid Kit.**
- **Bandages:** dressing, roller bandages, triangular bandages, rules of tying roller bandages.
- **Shock,** types of shock, causes
- **Bites and stings**
- **Burns and Scalds**
- **Gas poisoning**
- ii) **Reading and Practices of All Medical Test Reports.**

## **Practical – I - Anatomy, Physiology & First Aid**

### **1. Anatomy, Physiology and First Aid**

- a) Preparing First Aid Kit
- b) Giving different positions to five patients
- c) Dressing of minor wounds of five patients
- d) Applying bandages to five patients
- e) Giving first Aid treatment in emergencies
- f) Practice bandaging, splints and slings.
- g) Identification of different part of body.

## **THEORY - II - CHILD HEALTH NURSING & MIDWIFERY**

### **2) Child Health Nursing & Midwifery**

1. Immediate care of newborn baby
2. Examination of baby
3. Breast feeding
4. Baby bath
5. Immunization – For Infant & Childrens
6. Balanced diet for children
7. Care of the sick child
  - a) Common childhood disorders :
    - i. **Fever-** Signs, symptoms and Treatment
    - ii. **Cold And Cough-** Signs, symptoms and Treatment
    - iii. **Abdominal pain-** Signs, symptoms and Treatment
    - iv. **Abdominal distention-** Signs, symptoms and Treatment
    - v. **Diarrhea, Vommiting, Constipation -** Signs, symptoms and Treatment
  - b) Ear infections, Worm infestation.
  - c) Accidents and injuries.
8. Female pelvis
9. Female reproductive organs
  - a. External reproductive organs.
  - b. Internal reproductive organs.

10. Menstrual cycle
11. Conception
12. Twins pregnancy
13. Development of fertilized ovum
  - a. Placenta
  - b. Umbilical cord
  - c. Amniotic fluid
14. The foetal development
15. Antenatal care
  - a. Aims of antenatal care
  - b. Examination of pregnant women
  - c. Diet in pregnancy
16. Signs & symptoms of pregnancy
17. Physiological change during pregnancy
18. Minor disorder during pregnancy
19. High risk antenatal mother
  - a. Eclampsia
  - b. Anamia
20. PV examination
21. Normal labour
  - a. Stages of normal labour
  - b. Mechanism of labour
  - c. Management of Normal labour
  - d. Episiotomy
22. Caesarean section
23. MTP
24. Abortion
24. Family planning
  - a. Temporary Method
  - b. Permanent Method

## **Practical - II – Child Health Nursing & Midwifery**

1. Antenatal care – Five patient
2. Assist five normal deliveries
3. Baby bath to five babies
4. Perineal care of five patients
5. Assist in suturing of episiotomy
6. Identify high-risk antenatal mothers and give care
7. Observe caesarean section
8. Assistment of newborn five babies
9. Counsel mothers about breast feeding
10. Assist for immunization of babies

## **THEORY - III – HEALTH CENTER MANAGEMENT & COMMUNICATION SKILL**

### **3)Health Center Management And Communication Skill**

1. Introduction to common Health Diseases
  - a. What is communicable Diseases
  - b. What is non-communicable Diseases
2. Terminology- Etiology, Pathology, Diagnosis, Infection, Complications, Pathogenic, Non pathogenic, Signs, Symptoms, Inspection, Palpation, Auscultation, Prognosis and Immunity Power.
3. Microbiology
  - a. Definition of Microbiology
  - c. Modes of disease transmission
  - d. Five 'F' of disease transmission
4. AIDS- Meaning, spread of disease, signs and symptoms, treatment and prevention
5. Diabetes mellitus-Meaning, causes, types, stages, signs and symptoms and treatment
6. Tumor-Meaning, Types, signs and symptoms and treatment.
7. Pulmonary Tuberculosis- Meaning, spread of disease, signs and symptoms, treatment and prevention.
8. Malaria- Meaning, spread of disease, signs and symptoms, treatment and prevention.
9. Typhoid fever- Meaning, spread of disease, signs and symptoms, treatment and prevention.
10. Virus B- Meaning, spread of disease, signs and symptoms, treatment and prevention.
11. Gastro Enteritis- Meaning, spread of disease, signs and symptoms, treatment and prevention.
12. Hypertension- Meaning, causes, signs and symptoms, treatment and prevention.
13. Heart Attack- Meaning, causes, signs and symptoms, treatment and prevention.
14. Syphilis – Causes spread of disease,signs and symptoms. Treatment and prevention.
15. Gonorrhoea – Causes spread of disease,signs and symptoms. Treatment and prevention
16. Dengue- causes, signs and symptoms, treatment.
17. **Hospital**
  - a. Definition
  - b. Departments
  - c. Functions
  - d. Health team members
18. **Nursing**
  - a. Definition
  - b. Qualities of nurse
  - c. Functions of nurse

### **19. Types of Beds**

- a. Simple bed
- b. Fracture bed
- c. Fawller's bed
- d. Admission bed
- e. Occupied bed
- f. Cardiac bed
- g. Operation bed
20. Checking and recording vital signs – T.P.R. , B.P.
21. Intake-output chart
22. Hand washing
23. Back care
24. Mouth wash

25. Hair combing , Hair washing
26. Bed bath
27. Nail cutting
28. Steam Inhalation
29. Flatus tube, Simple enema
30. Urine examination for sugar (Uri stick)
31. Hot & Cold application
32. Ryle's tube feeding
33. Blood sugar testing
34. Injection Insulin – safety measure
35. Bed sore (causes,prevention,care)
36. Oral suction
37. Admission,Discharge & transfer of patient
38. Nebulization
39. Personal Hygiene & Environmental Hygiene

### **Practical - III Health Center Management & Communication Skill**

- a) H.G.T of Five patient
- b) Injection insulin to five patient
- c) Urine examination for sugar (Uri stick) of five patient
- d) Giving bed bath (Sponge bath) to five patients
- e) Checking vital signs of five patients
- f) Nail cutting of patients
- g) Steam Inhalation to five patients
- h) Simple enema to five patients
- i) Ryle's tube feeding to five patients
- j) Admission and Discharge of five patients

#### **Infrastructure & Tool, Equipment required to be available in Institute**

<b>Instiute Infrastructure</b>	<b>Require Quantity</b>
One Office	As per requirement.
One Class Room Capacity 25 Student	As per requirement.
OHP & Slide Pojector Or LCD Projector	As per requirement.
Library Facility	As per requirement.
Bons set	As per requirement.
BP Apparatus	05
E.C.G. Machine	02
Stethoscope	25
Thermometer	05
First Aid Kit	01
Family Planing Kit	01
All Types Of Anatomy & Physiology Charts	As per requirement.
Hospital Related Equipment For Daily Practice	As per requirement.
Beds	02

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