Ministry of Health and Family Welfare

2017

सत्यमेव जयते

Short Term Training Curriculum Handbook

SANITARY HEALTH INSPECTORS

Standards in accordance with
The National Skills Qualifications Framework (NSQF)

Ministry of Skill Development and Entrepreneurship

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INTRODUCTION TO THE SKILLS BASED TRAINING CURRICULA

The Skill based training courses are the training content developed for enhancing the specific skills of existing professionals or provide for a platform for imparting skills to candidates with no formal qualification.

To undertake the skill based training programme, it is mandatory that the candidate must fulfil the entry criteria provided for the job profile. The training and assessment will certify that the candidate is able to undertake specific set of activities. **These must not be equated with the formal qualifications- diploma/ degrees which are given by a University.**

It is recommended that the employer must help the candidate in continuing the studies to degree level and formal qualification, if the candidate is willing to gain knowledge and wants to move up the traditional career pathway.

Who is a Sanitary Health Inspector?

Sanitary health inspectors are professionals who are focused on prevention, consultation, investigation, and education of the community regarding health risks and maintaining a safe environment.

Public health is an important matter of concern for the municipal bodies in various states. Sanitary health inspectors play a crucial role in the protection of public health and environment in various ways. Their demand is increasing with the changes in the public health sector. Civic bodies in a state depend on health and sanitary inspectors for dealing with various public issues which range from safe drinking water, safety of food and general sanitary conditions.

Scope of practice

Trained in the management of public health and sanitation, Sanitary Health Inspectors implement evidence-based public health practice across a number of establishments such as hospitals, hotels and industries such as pollution control authorities, food and water safety and travel (airports, seaports and railways).

Minimum Entry requirement

Educational requirement - The candidate must have completed 10+2 with Science.

Minimum Course duration

It is recommended that any programme developed from this curriculum should have a minimum duration of 1304 hours (568 hours Theory, 410 hours practical and 326 hours of internship) to qualify as an entry level professional in the field of Sanitary Health Inspection. This is a full time programme for 10+2 student graduate, however skills for specific subject may be tested and accordingly RPL certification can also be done.

Teaching faculty and infrastructure

The importance of providing an adequate learning environment for the students cannot be over emphasized. Both the physical infrastructure and the teaching staff must be adequate.
Teaching areas should facilitate different teaching methods. While students may share didactic lectures with other disciplines in large lecture theatres, smaller teaching areas should also be provided for tutorial and problem/case-based learning approaches. In all venues that

accommodate students, health and safety standards must be adhered to. It is recommended that a faculty and student ratio of 1:10 be followed.

Medium of instruction:

English/ regional language shall be the medium of instruction for all the subjects of study and for examination of the course.

Attendance:

A candidate has to secure minimum 80% attendance in overall with at least-

1. 75% attendance in theoretical
2. 90% in Skills training (practical) for qualifying to appear for the final examination.

No relaxation, whatsoever, will be permissible to this rule under any ground including indisposition etc.

TRAINING CURRICULA FOR SKILL CERTIFICATION

Training Outcomes:

This course trains students to manage health and sanitation aspects in a variety of organizations and in the community, thus enabling them to safeguard public health and the environment. As per the training module at the end of the training, the candidate would be certified to perform following activities–

1. Practice food safety, supervise and apply it to establishments as well as community.
2. Guide waste disposal (solid, liquid and sewage) appropriately and supervise with minimum harm to the environment
3. Supervise and apply the principles of natural and mechanical ventilation, as needed
4. Supervise and implement techniques of sterilization and disinfection
5. Supervise and conduct survey in housing colonies to assess sanitary standards and prescribe corrective measures
6. Supervise/assist in sanitation management at fairs and festivals
7. Supervise and guide implementation of measures to prevent communicable diseases with respect to sanitation and hygiene
8. Supervise/ assist in or independently conduct disinfection of areas in a hospital such as wards, operation theatres, labour rooms, etc.
9. Conduct awareness programmes on personal hygiene and health education
10. Supervise/conduct visits to various establishments for assessment of cleanliness and hygienic practices and ensure the desirable standards are maintained
11. Supervise/ maintain general & systemic cleanliness including critical care and non-critical care areas.
12. Maintaining record register and ensuring implementation of Sanitation policy of the institution/ community as per the Government norms and guidelines.

MODULE – 1: FOUNDATION MODULE- INTRODUCTION TO THE SANITARY HEALTH INSPECTOR PROGRAM

Learning Outcomes: At the completion of this module, the student should be able to:

1. Understand the healthcare scenario in India
2. Understand the duties and responsibilities of a Sanitary Health Inspector
3. Develop understanding of general medical terminologies
4. Develop skills for anthropometric measurement for record keeping
5. Adhere to legislation, protocols and guidelines relevant to one's role and field of practice
6. Work within organizational systems and requirements as appropriate to one's role
7. Recognize the boundary of one's role and responsibility and seek supervision when situations are beyond one's competence and authority
8. Maintain competence within one's role and field of practice
9. Understand the art of effective communication with various stakeholders like patients, nurses, etc.
10. Learn how to identify rapidly changing situations and adapt accordingly
11. Have a basic working knowledge of computers
12. Understand the important of first aid and triage
13. Understand his/her role in disaster preparedness and management

Content -

S. No.	Topics	Hours		
		Theory	Practical	Total
1.	Introduction to healthcare and hospitals	3	2	5
2.	Introduction to the Sanitary Health Inspector program	2	3	5
3.	Anthropometric measurements and its importance	2	10	12
4.	Professionalism and Values	2	1	3
5.	Communication	3	7	10
6.	Interpersonal skills and working with others	2	3	5
7.	Computers and information technology	2	8	10
8.	Basics of emergency care and life support skills	2	13	15
9.	Disaster preparedness and management	2	3	5
TOTAL		**20**	**50**	**70**

Detail of Topics

1. **Introduction to healthcare and hospitals**
    a. Healthcare delivery system in India at primary, secondary and tertiary care
    b. Community participation in healthcare delivery system
    c. Issues in Health Care Delivery System in India
    d. Health scenario of India- past, present and future
    e. Basic medical terminology

2. **Introduction to the Sanitary Health Inspector program**
    a. Duties and responsibilities of a Sanitary Inspector
    b. Importance of Sanitation, Health & Hygiene.
    c. Sanitary scope in Municipal Corporation, trade fairs, public health sanitation, water bodies, slums, vulnerable pockets, restaurants, hotels etc.

d. Do's and Don'ts
e. Requirements to become a Certified Sanitary Health Inspector

3. Anthropometric measurements and its importance

a. Points for consideration before measuring weight, height and other parameters
    i. Check the equipment before taking it to the patient
        1. process of checking each equipment
        2. reporting error to the concerned official
    ii. Process of taking permission from the patient
    iii. Recording measurements
    iv. Any other measure – dos and don'ts
b. Weight
    i. Process of measuring weight
    ii. Importance of weight measurement - weight for age and weight for height
    iii. Do's and don'ts while measuring weight
c. Length (for under 2 years of age)
d. Height – steps for measuring height using- height measuring scale and inch tape
e. Circumference measurements –
    i. process of measuring circumference – arm and waist
    ii. Do's and don'ts while measuring circumference
f. Format for reporting the measurements

4. Basics of emergency care and life support skills

a. Vital signs
b. Basic emergency care – first aid and triage
c. Identifying signs and taking measures for
    i. Choking and Heimlich Maneuver
    ii. Bleeding including nosebleeds
    iii. Minor burns
    iv. Hypothermia
    v. Asthma attack
    vi. Bites and stings
    vii. Fainting
    viii. Sprain
d. Ventilations including use of bag-valve-masks (BVMs)
e. One- and Two-rescuer CPR
f. Using an AED (Automated external defibrillator).
g. Managing an emergency including moving a patient – log transfer

5. Professionalism and Values

a. Code of conduct, professional accountability and responsibility, misconduct
b. Ethics in healthcare – Privacy, confidentiality, consent, medico legal aspects
c. Understanding scope of work and avoiding scope creep
d. Handling objections
e. Gather information from observation, experience and reasoning

f. Identification of rapidly changing situations and adapt accordingly
g. Planning and organization of work

6. Communication

a. Writing skills
    i. Basic reading and writing skills, sentence formation, grammar and composition, how to enhance vocabulary
    ii. Business communication like letters, e-mails
b. Special characteristics of health communication
c. Barriers of communication & how to overcome them
a. How to be a good communicator
    i. Addressing the patient
    ii. Body language, posture and gestures
d. Listening and Speaking skills
    i. How to be a good listener
    ii. Structure brief and logical messages
    iii. Speak clearly and slowly in a gentle tone
    iv. Use the correct combination of verbal and non-verbal communication
    v. Use language familiar to the listener
    vi. Give facts and avoid opinions unless asked for
    vii. Communicating with patient with impaired hearing/ vision/ speech/ memory
e. Recognizing changes in the patient- behavior/ abnormal signs and reporting to the Medical Officer
f. Dealing with anger or depression of the patient

7. Interpersonal skills and working with others

a. Goal setting, team building, team work, time management,
b. Thinking and reasoning, problem solving
c. Need for customer service and service excellence in medical care
d. Communication with various stakeholders
    i. Handling effective communication with patients & family
    ii. Handling effective communication with peers/colleagues using medical terminology in communication
    iii. Telephone and email etiquettes
e. Manage work to meet requirements
    i. Time management
    ii. Work management and prioritization

8. Computers and information technology

a. Use of computers, its input and output devices
b. Use of basic software such as MS Office, operating systems (Windows) and internet
c. Use of data –
    i. Entry, saving and retrieving
    ii. Scanning and copying medical records/documents
    iii. Efficient file naming and uploading

iv. Printing, as needed

d. Application of Computers in clinical settings

9. Disaster preparedness and management

a. Fundamentals of emergency management
b. Preparedness and risk reduction
c. Incident command and institutional mechanisms
d. Resource management

Equipment required-

1. Charts and demonstration dummies
2. Videos and presentations
3. First Aid kit
4. Inch tape
5. Height measuring scale
6. Weighing machine

Assessment -

S. No.	Assessment Criteria for the Assessable Outcomes	Marks Allocation		Total Marks Allocation
		Viva/ Theory	Skills Practical	
1.	Explain the role of a Sanitary Health Inspector in a hospital/ community setting	10	0	10
2.	What are the indicators for 'Don'ts for a Sanitary Health Inspector'	15	0	15
3.	Describe and demonstrate how to communicate with patient with impaired hearing/ vision/ speech/ memory	5	25	30
4.	Enumerate the changes in the patient with abnormal behavior	5	5	10
5.	Identify the various contents of First Aid Kit	0	20	20
6.	Demonstrate Heimlich Maneuver	0	10	10
7.	Demonstrate the immediate action to be taken for a patient with nosebleed/ minor burns/ asthma attack/fainting/ sprain/ hypothermia/ bites – bee sting or snake bite	0	30	30
8.	Demonstrate how to do CPR	0	25	25
9.	Identify the various equipment for anthropometric measurement	0	5	5
10.	Demonstrate the steps for measuring weight and record on the recording/ reporting sheet	0	5	5
11.	Demonstrate the steps for measuring height of a child/ length of an infant and record on the recording/ reporting sheet	0	10	10
12.	Demonstrate the steps for measuring arm circumference and record on the recording/ reporting sheet	0	10	10
13.	Describe precautions in the event of a disaster	5	5	10
14.	Demonstrate the basic use of computers and aspects related to data handling	0	10	10
Total		**40**	**160**	**200**

MODULE – 2: INTRODUCTION TO DEMOGRAPHY, STATISTICS AND HEALTH EDUCATION.

Learning Outcomes: At the completion of this module, the student should be able to-:

1. Understand the process of registration, reporting and documentation process for implementation of different acts within the community
2. Understand the basics of demography and vital statistics.
3. Understand various Public Health Acts.
4. Understand the relationship between health education and effective communication.

Content -

S. No.	Topics	Hours		
		Theory	Practical	Total
1.	Demography, epidemiology and public health acts.	15	15	30
2.	Basics of health statistics	10	20	30
3.	Health education and communication	5	15	20
TOTAL		**30**	**50**	**80**

Detail of Topics

1. **Demography, Epidemiology and Public health acts.**
    a. Demography & Vital Statistics
    b. Demography – its concept
    c. Vital events of life & its impact on demography
    d. Significance and recording of vital statistics
    e. Census & its impact on health policy
    f. Demography and Health Survey
        i. Sections and components of survey
        ii. How to design a survey
        iii. Registration of birth, death and mortality
        iv. Immunization process
2. **Epidemiology**
    a. Principles of Epidemiology
    b. Natural History of disease
    c. Epidemiology of communicable & non-communicable diseases, disease transmission, host defense immunizing agents, cold chain, immunization, disease monitoring and surveillance
3. **Public Health Acts-**
    a. Various public health acts and their importance in Sanitary Health Inspector's role; such as -
        i. Indian Epidemic Diseases Act
        ii. Purification of Air and Water Pollution Acts
        iii. Prevention of Food adulteration Act
        iv. Birth and Death Registration Act
        v. N.T.P ACT
        vi. Suppression of immoral Traffic Act (SITA)
        vii. Municipal and local body Acts related to housing, sanitation etc.
        viii. Factory Act and Employer's State Insurance Act

4. **Basics of health statistics :**
    - **a.** Statistics and their applications and relation to public health
    - **b.** Interpretation of data.
    - **c.** Mortality and Morbidity statistics
    - **d.** Data tabulation and charts

5. **Health education and communication**
    a. Health Education opportunities and approaches for Health Inspector in his work place
    b. Content and Principles of Health Education
    c. Planning Health Education activities
    d. Education in relation to environmental sanitation programme
    e. Use of audio visual aids and media
    f. Health Education material on environmental sanitation
    g. Utilizing Community Resources for Health Education
    h. Education through Primary Health Centre
    i. Health Education through personal contact, group meetings and indirect approaches
    j. Perception of various diseases and ailments such as HIV AIDS, Leprosy etc. and ways to reduce/deal with the stigma

Equipment required-

1. Charts and demonstration dummies
2. Audio and video aides

Assessment:

S. No.	Assessment Criteria for the Assessable Outcomes	Marks Allocation		Total Marks Allocation
		Viva/ Theory	Skills Practical	
1.	Define various sections of a survey and make a short survey form for registration of births and deaths in a community and document it.	5	25	30
2.	Make a report of above using charts/tables.	0	20	30
3.	Perform a simple household test to identify adulteration in Milk/ ghee/ oil/ sugar/ tea.	10	20	30
4.	Explain brief about birth & death Act	10	10	20
5.	Prepare a chart for educating community regarding HIV/AIDS/spread of malaria/dengue/save water/maintain hygiene and sanitation etc.	10	20	30
6.	How will you identify a contact person with leadership for gaining access in a community	10	20	30
Total		**60**	**140**	**200**

MODULE – 3: DISPOSAL OF WASTE

Learning Outcomes: At the completion of this module, the student should be able to-

1. Follow the appropriate procedures, policies and protocols for the method of collection and containment level according to the waste type.
2. Apply appropriate health and safety measures and standard precautions for infection prevention and control and personal protective equipment relevant to the type and category of waste.
3. Segregate the waste material from work areas in line with current legislation and organizational requirements, at source with proper containment, by using different color coded bins for different categories of waste.
4. Check the accuracy of the labelling that identifies the type and content of waste.
5. Confirm suitability of containers for any required course of action appropriate to the type of waste disposal.
6. Check the waste has undergone the required processes to make it safe for transport and disposal.
7. Transport the waste to the disposal site, taking into consideration its associated risks.
8. Report and deal with spillages and contamination in accordance with current legislation and procedures.
9. Maintain full, accurate and legible records of information and store in correct location in line with current legislation, guidelines, local policies and protocols.

Content -

S. No.	Topics	Hours		
		Theory	Practical	Total
1.	Introduction to Bio medical waste management and environment safety	10	10	20
2.	Solid Waste Disposal	30	20	50
3.	Liquid waste/Sewage disposal	30	20	50
4.	Night Soil Disposal	30	20	50
5.	Other treatment and disposal methods of biomedical waste	10	10	20
6.	Burial, Cremation Ground and Mass Casualty Disposal	30	20	50
TOTAL		**140**	**100**	**240**

Detail of Topics

1. **Bio medical waste management and environment safety**
    a. Definition of Biomedical Waste
    b. Sources of Biomedical waste
    c. Waste minimization
    d. BMW – Segregation, collection, transportation, treatment and disposal (including color coding)
    e. Liquid BMW, Radioactive waste, Metals / Chemicals / Drug waste
    f. BMW Management & methods of disinfection
    g. Modern technology for handling BMW
    h. Use of Personal protective equipment (PPE)

i. Monitoring & controlling of cross infection (Protective devices)
j. Identifying the risk of Bio-medical waste

2. Solid Waste Disposal

a. Source of generation, storage and collection
b. Sanitary method of disposal of solid waste
c. Classification of solid waste in the community
d. Polluting effect of different types of solid waste, system of collection of solid waste from the houses and street, sanitary transportation of solid waste, sanitary process of disposal of solid waste such as composting, sanitary land filling, incineration

3. Liquid waste/Sewage disposal

a. Hygienic method of disposal of liquid waste.
b. Health hazard related to accumulation of liquid waste or in sanitary drainage system.
c. Construction and maintenance of sanitary sewerage system
d. Use of different types of traps, pollution of water sources from sewerage and its disinfection

4. Night Soil Disposal

a. Sewage is liquid waste containing human excreta.
    i. Fly nuisance
    ii. Soil pollution
    iii. Water pollution
    iv. Food contamination
    v. Faucal - borne disease due to unsanitary disposal. Different types of latrines in use principal of construction of sanitary latrines and their use, especially berg hole, dug well, RCA and septic tank latrine.
    vi. Sewage system or water carriage system.
b. What is sewage?
    i. Why sewage purification is required?
    ii. Sewer appurtenances, house drain
    iii. Street sewers or municipal sewers
    iv. Sewage forming land treatment
    v. Sewage disposal by Biogas plant or gobar gas plant
    vi. Methods of disinfection of sewage
    vii. Sanitary practices of sewage farming

5. Other treatment and disposal methods of biomedical waste

a. Incineration
b. Autoclaving
c. Shredding
d. Disposal option

6. Burial, Cremation Ground and Mass Casualty Disposal

a. Disposal of dead- Human

b. Burning or cremation
c. Requirement for a burning ground
d. Disposal of dead bodies and maintenance of their records

Assessment:

S. No.	Assessment Criteria for the Assessable Outcomes	Marks Allocation		Total Marks Allocation
		Viva/ Theory	Skills Practical	
1.	Demonstrate and describe appropriate procedures, policies and protocols for the method of collection and containment level according to the waste type	20	30	50
2.	Identify and demonstrate methods of segregating the waste material in colored bins	10	30	40
3.	What are the methods of waste disposal	5	20	40
4.	Demonstrate and describe how to maintain appropriate health and safety measures	0	10	10
5.	Explain how will you check the waste has undergone the required processes to make it safe for transport and disposal	5	0	5
6.	Demonstrate how will you report and deal with spillages and contamination in accordance with current legislation and procedures	0	10	10
7.	Visit for an inspection of flushing tank, soil plant, traps, man holes, inspection chambers and maintenance of gully trap.	10	20	40
8.	Visit to burial or funeral ground for sanitation, proper process of disposal of dead body and maintenance of records as per the legal provision.	10	20	40
Total		**60**	**140**	**200**

MODULE – 4: NUTRITION & SANITATION

Content -

S. No.	Topics	Hours		
		Theory	Practical	Total
1.	Food & Nutrition	30	20	50
2.	Air	30	20	50
3.	Soil Sanitation	30	20	50
4.	Control of Biological Environment	30	20	50
5.	Housing, infrastructure and water supply	15	25	40
6.	Sanitation Measures in Fairs, Festivals and Natural calamities	30	20	50
7.	Occupational Health	30	20	50
TOTAL		**195**	**145**	**340**

Detail of Topics

1. **Food & Nutrition**
    a. Science of food
        i. Introduction to Nutrition
        ii. Health & Disease
        iii. Classification and of food-stuff
        iv. Nutrient and their sources (food example)
    b. Nutrient: Carbohydrates, Proteins, Vitamins, & Minerals, function, Source and diet requirement of each.
    c. Family Assessment-: Clinical examination of all members, height and weight for all, head circumference and skin fold for children, blood test for Hb% for all, diet survey, weighing raw food, weighing cooked food.
    d. Nutrition Education:
        i. Malnutrition
        ii. Low birth Weight (LBW)
        iii. Causes of LBW
        iv. Prevention of LBW
        v. Protein energy
        vi. Prevention of malnutrition
        vii. Special care to be given to malnutrition
        viii. Children.
        ix. Therapeutic Diet- Instruction for balanced diet, weight reduced diet, low fat diet, bland diet, cirrhosis of liver, renal stone
    e. Inspection of food handling establishments
    f. Inspection of mid- day meal programme

2. **Air**
    a. Concepts and importance of adequate ventilation
    b. Types of ventilation
        i. Natural ventilation
        ii. Mechanical ventilation

c. Indicators of air pollution
d. Process air purification and disinfection
e. Green house effect, types of ventilation, thermal comfort, air temperature humidity, radiation, evaporation and their measurements

3. Soil Sanitation

a. Classification of soil.
b. Classification from the view point of importance in Public Health.
c. Reason for the excessive moisture in the soil.
d. Reclamation of land.
e. Soil, bacteria and parasites.
f. Soil and Health.
g. Study on insecticides, pesticides and disinfections.
h. Sterilization & disinfection of different Articles.
i. Various spraying equipment

4. Control of Biological Environment

a. Study on insecticides, pesticides and disinfections.
b. Sterilization & disinfections of different articles
c. Various spraying equipments
d. Uses of rodenticides & larvaecidals
e. Vector control

5. Housing, infrastructure and water supply

a. General principle of healthy housing
b. Home Sanitation
c. Food hygiene at home
d. Specification for healthy housing
e. Construction of latrines and recommended financial assistance as per the Government norms
f. Maintenance of public and community water supply and ensure proper disinfection
g. Water sampling for regular bacteriological and chemical analysis
h. Inspection of public and private well and/ or other water sources
i. Inspection of sanitation in hospital and health facilities

6. Sanitation Measures in Fairs, Festivals and Natural calamities

a. Sanitation Management at fairs and festival. Sanitary problems associated with human gatherings and temporary settlements.
b. Alternate emergency sanitary provisions to prevent sanitation crisis for food, housing, water supply, lighting, disposal of community waste and prevention of outbreak of epidemics.

7. Occupational Health:

a. Industrial hygiene- workers health protection
b. Occupational risk factors and safety measures
c. Control of dust and other hazardous substance

d. Safety measure for occupational risk factor
e. Legislative provisions
f. Benefits to employees
g. Incorporation of Municipal Rules and Regulation in Sanitation

Assessment:

S. No.	Assessment Criteria for the Assessable Outcomes	Marks Allocation		Total Marks Allocation
		Viva/ Theory	Skills Practical	
1.	Classification of public health and importance of foodstuffs	10	10	20
2.	Demonstrate assessment of daily requirement of nutrition.	10	10	20
3.	Demonstrate assessment of nutritional requirement for special group.	10	10	20
4.	Demonstrate assessment of nutritional status of family	10	10	20
5.	How to measure and reduce intensity of air pollution.	0	10	10
6.	How will you conduct sampling for assessment of soil pollution	0	10	10
7.	Indicate use of insecticides, pesticides and disinfection.	0	10	10
8.	Demonstrate use of spraying equipment's and its maintenance.	0	10	10
9.	Survey a house for assessing sanitary standards and prescribe relevant measures	0	20	20
10.	Inspect and prepare plan for fair and festival/ industry and trade and indicate the measures to be taken	0	20	20
11.	Visit to a hospital for survey of sanitation issues and challenges faced by the workforce.	0	20	20
12.	Identify the danger zones and adequacy of safety arrangements in the hospital.	10	10	20
Total		**50**	**150**	**200**

MODULE – 5: INFECTION CONTROL.

Learning Outcomes: At the completion of this module, the student should be able to-

1. Understand all procedures required for infection control
2. Follow high level of personal hygiene
3. Follow all standard precautions and infection control procedures
4. Identify deviation from normal health
5. Understand hospital borne infections and practices to curb them
6. Understand different types of spillages and their management

Content -

S. No.	Topics	Hours		
		Theory	Practical	Total
1.	Infection prevention and control	10	10	20
2.	Personal Hygiene	20	10	30
3.	Communicable Diseases	30	20	50
4.	Non –Communicable Diseases	30	20	50
5.	Universal/ Standard Precautions	15	10	25
6.	Disinfection & Sterilization	30	20	50
7.	Contact Precautions	15	10	25
TOTAL		**150**	**100**	**250**

Detail of Topics

1. **Infection prevention and control**
    a. Evidence-based infection control principles and practices [such as sterilization, disinfection, effective hand hygiene and use of Personal protective equipment (PPE)]
    b. Prevention & control of common healthcare associated infections
    c. Components of an effective infection control program
    d. Guidelines (NABH and JCI) for Hospital Infection Control

2. **Personal Hygiene**
    a. Factors influencing health & hygiene
    b. Health habits & practice, customs affecting personal hygiene
    c. Maintenance of normal circulation, respiration, digestion, etc.
    d. Skin care cleanliness
    e. Oral hygiene and dental care
    f. Care of hands, washing, importance of exercises and food values
    g. Care of the body-habits clothing
    h. Menstrual hygiene
    i. Care of special sensory organs
    j. Factors influencing human behavior
    k. Change of behavioral pattern in different age groups
    l. Interpersonal relations and defense mechanism

3. **Communicable Diseases**

a. Introduction
b. Transmission of disease
    i. By air
    ii. By contact
    iii. By insects and other diseases
c. General measures for prevention & control of communicable diseases
d. Role of Health Worker

4. **Non-Communicable Diseases**
    a. Introduction
    b. Incidence and prevalence
    c. Diagnosis & prevention

5. **Disinfection & Sterilization**
    a. Effective disinfection by liquid Chemical agents like Halogen, Potassium per magnate solution etc.
    b. Solid chemical agent
    c. Bleaching – Bleaching powder, Lime etc.

6. **Universal/ Standard Precautions**

    a. Hand hygiene
    b. Use of personal protective equipment (e.g., gloves, gowns, masks)
    c. Safe injection practices
    d. Safe handling of potentially contaminated equipment or surfaces in the patient environment
    e. Respiratory hygiene/cough etiquette

7. **Contact precautions**

Assessment:

S. No.	Assessment Criteria for the Assessable Outcomes	Marks Allocation		Total Marks Allocation
		Viva/ Theory	Skills Practical	
1.	Demonstrate the use of Personal Protective Equipment (PPE)	10	20	30
2.	How will you prevention & control of common healthcare associated infections	20	20	40
3.	Conduct a programmer on personal hygiene in different area and document it.	10	30	40
4.	Prepare a report on general survey of health care in different area.	10	20	30
5.	Report on participation in various programmes	0	20	20
6.	How will you ensure disinfection of hospital wards, operation Theatres, Labour rooms	10	30	40
Total		**60**	**140**	**200**

CONTRIBUTORS TO DRAFTING AND REVIEW OF SKILL BASED CURRICULA

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