KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
FEBRUARY - 2011 GNM EXAMINATION
1st YEAR PAPER – III FUNDAMENTALS OF NURSING
(Including First Aid and Personal Hygiene)

Time: 3Hours | SECTION - I | Max. Marks:75

I. Fill in the blanks 1x4=4

a) Etiquette is the code of _____
b) To assess unconscious patient _____ scale is used.
c) Trendelenburg position is used for examination of _____
d) Blue litmus turns red if Urine is _____ in reaction.

II. Give the **meaning** of the following 1x5=5

a) Hospital b) Asepsis c) Gavage
d) Immunization e) Hygiene

III. Write short notes on any **FOUR** of the following 3x4=12

a) Comfort devices and their uses.
b) Decubitus Ulcer.
c) Care of Skin.
d) Exercises.
e) Role of Nurse in Maintenance of therapeutic environment.

IV. a) Define Nursing. 1+2+5=8
b) List the Principles applied for Nursing Procedures.
c) Write in detail the role of the Nurse in admitting a patient to a Hospital ward.

V. a) Define Fever. 1+3+5=9
b) What are the specific causes of fever?
c) Write the Nursing Management of Patient with Fever.

SECTION – II

VI. Choose the correct answer and write 1x3=3

a) To relieve Gaseous distention.
i) Sedative Enema ii) Carminative Enema iii) Nutritive Enema
b) To correct the toxic factor the rubber tubings are boiled in.
i) 10% Sodium Bicarbonate ii) 10% $KMNO_4$ solution iii) 10% Citric acid
c) The specific gravity of Urine Varies from.
i) 1.010 to 1.020 ii) 1.015 to 1.0125 iii) 1.016 to 1.025

VII. State the action of the following drugs 1x3=3

a) Antibiotics b) Anaesthetics c) Diuretics

VIII. Write short notes on any **FOUR** of the following 4x4=16

a) Care of rubber goods.
b) Principles of barrier Nursing.
c) Golden Rules of first aid.
d) Ambulance Services.
e) First aid in Haemorrhage.

IX. a) Define Blood pressure. 1+3+6=10
b) List the factors causing variations in Blood Pressure.
c) Explain the role of a Nurse in measuring the BP for a adult patient.

OR

a) Define Steam Inhalation.
b) What are the purposes of Steam Inhalation?
c) Explain the procedure of giving Steam Inhalation by using Nelson's Inhaler.

X. Explain the Role of a Nurse in administration of Oral Medications. 5

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
FEBRUARY - 2011 GNM EXAMINATION
1st YEAR PAPER – IV COMMUNITY HEALTH NURSING - I
(Including Environmental Hygiene, Health Education, Communications Skills and Nutrition)

Time: 3Hours | SECTION - I | Max. Marks:75

I. Define the following 1x4=4

a) Disease b) Endemic c) Community Health Nursing d) Infant mortality rate

Domiciliary care, Rhythmethod.

II. Fill in the blanks 1x4=4

a) World population day is celebrated on 11th July
b) Dosage of BCG vaccine is _____
c) First referral unit for Primary Health Centre is Hospitals
d) Most heat sensitive vaccine is ~~Hospitals~~.

III. Write short notes on any **FOUR** of the following 4x4=16

a) Under five clinic.
b) Steps of community Health Nursing process.
c) Bag Technique.
d) National Immunization Schedule.
e) Disease Cycle.

IV. a) Define Primary Health care. 1+3+6=10
b) List the Elements of Primary Health Care.
c) Explain the role of a Nurse in Primary Health care.

V. How will you treat the below mentioned minor illness 2+2=4

a) Constipation b) Scabies

SECTION – II

VI. Fill in the blanks 1x4=4

a) Niacin deficiency results in _____
b) Sullage means waste water which does not contain greeks
c) Loudness of noise is measured in _____
d) The low cost visual form of communication is _____

VII. State whether the following statements are **TRUE or FALSE** 1x3=3

a) The fluoride content of drinking water is about 0.5mq/l. True
b) Body language is nonverbal communication.
c) One gram of protein yields 9 calories.

VIII. Write short notes on any **FOUR** of the following 3x4=12

a) Food Adulteration.
b) Barriers of Communication.
c) Audio Visual Aids.
d) Nurses Role as Health Educator.
e) Protein Energy Malnutrition.

IX. a) Define safe and whole some water. 2+4+4=10
b) Explain the disadvantages of Hardness of water.
c) Describe the methods of removing Hardness of water.

X. a) Define Nutrition. 1+3+4=8
b) List the classification of foods by predominant functions.
c) Explain the preparation of
i) Barley water ii) Egg flip

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KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
AUGUST- 2011 GNM EXAMINATION
1st year Paper - IV Community Health Nursing - I
{Community Health Nursing, Environment Hygiene, Health Education and Communication Skills, and Nutrition}

Time: 3Hours | SECTION -I | Max. Marks:75

I. Define the following 1x4=4
a) Community.
b) Weaning.
c) Primary Health care.
d) Immunity.

II. Fill in the blanks 1x4=4
a) Anti Tobacco day is celebrated on_____.
b) A Sub centre covers a population of _____.
c) "I Pill" is an example of _____ contraceptive.
d) Universal symbol of Nurses is _____.

III. Write short notes on any FOUR of the following 4x4=16
a) Functions of primary health centre.
b) Characteristics of healthy individual.
c) Role of an ASHA worker in Maternal and Child Health services.
d) Standing orders for conditions affecting digestive system.
e) Records and Reports.

IV. a) Define Home visiting. 1+3+5=9
b) Enumerate the principles of Home Visiting.
c) Explain Bag technique.

V. Explain the role of Community Health Nurse in control of Infectious diseases. 5

SECTION - II

VI. State whether the following statements are TRUE or FALSE 1x4=4
a) One gram of carbohydrate yields 9 calories.
b) Light is measured in terms of decibels.
c) Sleeping sickness is caused due to the bite of sand flea.
d) Essential amino acids are 8 in number which can not be synthesized in the body.

VII. Differentiate between the following 1x3=3

a)	Socratic method	and	Didactic Method
b)	Koplik's spot	and	Bitot Spot
c)	Sewage	and	Sullage

VIII. Write short notes on any FOUR of the following 4x4=16
a) Mosquito control measures.
b) Global warming and its effects.
c) Preservation and storage of food.
d) Methods in Health communication.
e) Water borne diseases.

IX. a) Define Nutrition. 1+7=8
b) List out the functions and classification of food.

X. a) Define Health Education. 2+4=6
b) Briefly explain the contents of Health Education.

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KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
FEBRUARY - 2011 GNM EXAMINATION
1st YEAR PAPER – II PSYCHOLOGY AND SOCIOLOGY

Time: 3Hours | SECTION - I | Max. Marks:75

I. Give the **meaning** of the following 1x5=5

a) Psychology
b) Memory
c) Frustration
d) Forgetting
e) Intelligence

II. Fill in the Blanks 1x6=6

a) Emotions are classified in to _____ and _____
b) Attitudes accompanied by strong feelings are called _____
c) Three types of habits are _____, _____ and _____

III. Write short notes on any **THREE** of the following 5x3=15

a) Factors that promote effective learning.
b) Factors affecting development of personality.
c) Importance of Psychology in Nursing Profession.
d) Conflicts.

IV. a) What is Mental Mechanism? 2+4=6
b) Explain any three Mechanisms with examples

V. a) Define Hallucination. 1+5=6
b) Write the various types of Hallucination with examples.

SECTION – II

VI. Choose the correct Answer 1x3=3

a) The term Embryo means.
i) from 3months to birth ii) Conception to 12 weeks of intra uterine life
iii) from birth to 1 month
b) The word family has been taken from.
i) Latin ii) Roman iii) Greek
c) One woman marries many men and lives with them as their wife.
i) Polygamy ii) Polyandry iii)Endogamy

VII. Fill in the Blanks 1x5=5

a) One who shows deviation from normal behavior is called----------.
b) Demography is the Scientific study of _____
c) Prostitution is considered as one of the _____ profession.
d) Two types of Economical aspects of individuals are _____ and _____

VIII. Write short notes on any **THREE** of the following 5x3=15

a) Fundamental rights and responsibilities of an individual in a Democratic Society.
b) Factors influencing the growth and development.
c) Difference between Rural and Urban Society.
d) Unmarried mothers.

IX. a) Define Community. 2+6=8
b) Write the characteristics and types of community.

X. a) Define Family. 1+5=6
b) Write the types of Family and its functions.

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KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
AUGUST- 2011 GNM EXAMINATION
1st year Paper – II Behaviour Sciences {PSYCHOLOGY AND SOCIOLOGY}

Time: 3Hours SECTION -I Max. Marks:75

I. Give the meaning of the following: 1x4=4
a) Legal psychology b) skills c) Habits d) Introspection

II. Fill in the blanks: 1x4=4
a) Forgetfulness is due to lack of Attention.
b) Unattainable goals can be important sources of _____.
c) Illusions are _____.
d) _____ is a loss of memory.

III. Write short notes on any THREE of the following 5x3=15
a) Branches of Psychology.
b) Perception.
c) Conflicts.
d) Development of Intelligent Behaviour.

IV. a) Define Emotion. 1+3+4=8
b) List the characteristics of an Emotion.
c) Explain the role of a nurse in control of Emotion.

V. a) Define Learning. 1+2+4=7
b) Mention the types of Learning.
c) Explain the factors influencing Learning.

SECTION – II

VI. Choose the correct answer and write 1x3=3
a) _____ is widely spread in tribal Society.
i) Illiteracy ii) Literacy iii) Ignorance
b) Prostitution is a social problem and it is due to
i) Urge ii)Rituals iii) Poverty
c) Urban Community means an area with
i) High population density ii) Low population density iii) Both

VII. State whether the following statements are TRUE or FALSE 1x4=4
a) Web of social relations is called society.
b) Primary group is a group where there is face to face contact and reciprocal communication.
c) HIV can be transmitted by hugging, shaking hands and sharing home with an infected person.
d) Pre marriage counselling is necessary to build a healthy marriage and to reduce the number of divorces.

VIII. Write short notes on any TWO of the following 5x2=10
a) Importance of Sociology in Nursing.
b) Alcoholism.
c) Budgeting for a family.

IX. a) Define Social control. 2+3+5=10
b) List the purposes of Social control.
c) Briefly explain the means of Social Control.
OR
a) Define Culture.
b) List the functions of culture.
c) Write the characteristics of culture.

X. a) Define Personality. 2+2+6=10
b) List the types of personality.
c) Explain the factors affecting development of Personality.

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
FEBRUARY - 2011 GNM EXAMINATION
1st YEAR PAPER - I Anatomy, Physiology and Microbiology
(Note: Draw diagrams wherever necessary)

Time: 3Hours SECTION - I Max. Marks:75

I. Fill in the Blanks 1x5=5
a) Cell was discovered by _____
b) Laryngeal Prominance is called as _____
c) Smallest bone in Human Body _____
d) The presence of Virus in blood is called _____
e) The Blood group that is universal recipient is _____

II. Choose the correct answer 1x3=3
a) The Hardest substance in the body is
i) Bone ii) Enamel iii) Canine

b) One of the Muscles of Mastication is
i) Pterygoideus lateralis ii) Orbicularis oris
iii) Buccinator

c) Body temperature is regulated by
i) Mid brain ii) Hypothalamus iii) Thalamus

III. Write Short notes on any THREE of the following 4x3=12
a) Liver.
b) Structure of skin with a neat diagram.
c) Spinal Cord.
d) Conducting system of the heart.

IV. a) Name the bones of the Upper Extremity. 2+4=6
b) Describe the Scapula with a neat diagram.

V. Explain the Factors Influencing Microbial Growth. 6

VI. Write the Functions of the following 2x3=6
a) Saliva b) Cerebellum c) Gall Bladder

SECTION - II

VII. State whether the following statements are TRUE or FALSE 1x5=5
a) Thymus gland is the largest Lymph organ.
b) William Harvey discovered blood circulation in Human Body.
c) The first cranial Nerve is Olfactory Nerve.
d) There are 12 pairs of intercostal muscles that occupy the spaces between the 12 pairs of ribs.
e) The first cervical vertebra is named as atlas.

VIII. Write short notes on any FOUR of the following 4x4=16
a) Bio safety and waste management b) Endocrine Glands
c) Uterus d) Synovial Joint e) Nephron

IX. a) List the organs of digestive system. 2+5=7
b) Explain the structure and functions of stomach.
OR
a) List the organs of Respiratory System.
b) Explain the Mechanism of Respiration.

X. Differentiate between 2+2=4
a) Pasteurization and Immunization
b) Concurrent Disinfection and Terminal disinfection

XI. Draw a Neat Diagram of Eye and Label the parts 5

Register No | | | | D | N | | | | | |

KARNATAKA STATE DIPLOMA IN NURSING EXAMINATION BOARD
AUGUST -2011 GNM EXAMINATION
1st year Paper – I Bio-Science {Anatomy, Physiology and Microbiology}
(Note: Draw diagrams wherever necessary)

Time: 3 Hours | SECTION - I | Max. Marks:75

I. **Fill in the Blanks** 1x5=5
a) The smallest functional unit of the body is _____.
b) Ziehl Neelsen staining is used for _____.
c) Respiratory centre is situated in the _____.
d) Weight of kidney is _____ gms.
e) Specific gravity of C.S.F. is _____.

II. **Differentiate between the following** 1x3=3

a)	Mycosis	and	Necrosis
b)	Germicide	and	Sporicide
c)	Biopsy	and	Autopsy

III. **Write short notes on any THREE of the following** 4x3=12
a) Erythrocytes.
b) Transmission of infection.
c) CSF.
d) Structure of Heart.

IV. a) Name the Bones of the appendicular skeleton. 4+6=10
b) Explain the structure of Innominate Bone.

V. Draw a neat diagram of Digestive system and label the parts. 8

OR

a) Draw a neat diagram of Respiratory system and label the parts.

SECTION – II

VI. **Write whether the following statements are TRUE or FALSE** 1x4=4
a) Blood is a Epithelial Tissue.
b) Trapezius muscle located in the upper part of the back.
c) Laryngeal prominence is called as Adam's apple.
d) Mid-Stream urine is best sample for Urine culture.

VII. **Select the best answer and write** 1x3=3
a) Carpal or wrist bones consists of
i) Seven Bones ii) Eight Bones iii) Ten Bones
b) The name of 10th cranial nerve is
i) Olfactory ii) Hypoglossal iii) Vagus
c) The second cervical vertebrae is
i) Atlas ii) Axis iii) Stapes

VIII. **Write short notes on any THREE of the following** 4x3=12
a) Functions of the Kidney.
b) Menstrual Cycle.
c) Physiology of hearing.
d) Functions of Hypothalamus.

IX. a) Name the Endocrine organs. 2+4+4=10
b) Write the functions of Pituitary Gland.
c) Enumerate the conditions produced by Hyper and Hypo secretion of Pituitary Gland.

X. a) What is Sterilization? 2+6=8
b) Explain the different methods of Sterilization with example.