



# BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY, PROMOTED BY GOVERNMENT OF INDIA  
CENTRAL BOARD OF EXAMINATIONS  
BSS NATIONAL VOCATIONAL EDUCATION MISSION

## AHS018-CERTIFICATE IN BLOOD BANK NURSING

### ONE YEAR EXAMINATION NOV-2015

#### AHS018-01 COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

**TIME: 3 Hours**

**Marks: 100**

#### INSTRUCTIONS

- \* 33 questions are there in total
- \* Write answers to each question in proportion to the mark allotted
- \* During the first 15 minutes read the questions carefully

#### I. FILL IN THE BLANKS

**1 x 10 = 10**

- 1) Vowels are ..... in number
- 2) I ..... 50 kms everyday
- 3) He is running ..... the road.
- 4) The cat is ..... the wall.
- 5) It is cold today.....
- 6) I would like to have ..... fruits.
- 7) Mouse is an.....device
- 8) .....is used to click and drag to create duplicate.
- 9) WWW means-----
- 10) ..... You will pass.

#### II. DEFINE THE FOLLOWING

**2 x 10 = 20**

- 1) Define definite Article?
- 2) What is meant by strong verbs?
- 3) Degrees of comparison
- 4) MS access
- 5) What are the types of data
- 6) Computer
- 7) MS office
- 8) Chart elements
- 9) Formating tool bar
- 10) Explain 'find', 'replace' and 'go to'.

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS****5 x 5 = 25**

- 1) Define usage of interjection?
- 2) Title bar
- 3) Tool menu
- 4) Explain Cut, Copy and 'Paste'
- 5) Explain 'find', 'replace' and 'go to'.
- 6) Time sharing
- 7) Cold related emergency
- 8) Techniques for moving an injured (or) ill person.

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS****15 x 3 = 45**

- 1) Write a letter to your father asking permission join the N.C.C?
- 2) Introduction to Pagemaker? Explain
- 3) Explain 'slide presentation creating' in MS Power Point
- 4) Describe the relevance of computerization in hospital field
- 5) Write briefly about generations of computer?



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## AHS018-CERTIFICATE IN BLOOD BANK NURSING

### ONE YEAR EXAMINATION NOV-2015

#### AHS018-02 HISTORY AND SCOPE OF BLOOD, BLOOD FORMATION

TIME: 3 Hours

Marks: 100

#### INSTRUCTIONS

- \* 33 questions are there in total
- \* Write answers to each question in proportion to the mark allotted
- \* During the first 15 minutes read the questions carefully

#### I. FILL IN THE BLANKS

1 x 10 = 10

- 1) RBC is other wise called.....
- 2) WBC is also known as.....
- 3) .....are called Thrombocytes
- 4) Albumin is .....soluble
- 5) Number of RBC per cu.mm of blood is.....
- 6) .....is the main function of thrombocytes
- 7) In Children belonging to 3 to 6 years the normal range of haemoglobin is.....gm/dl
- 8) Haemoglobin is present in .....cells
- 9) The condition of decreased level of Hb is known as.....
- 10) The expanded form of ESR is.....

#### II. DEFINE THE FOLLOWING

2 x 10 = 20

- 1) Define Haematology
- 2) What is Platelets?
- 3) Define Haemoglobin.
- 4) Define Leukemia.
- 5) Define Blood banking.
- 6) What is ABO blood grouping?
- 7) Define Plasma.
- 8) What is Blood clotting factors?
- 9) What is Principles of ESR?
- 10) Define Eosinophil cells.

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS****5 x 5 = 25**

- 1) Formation of blood ?
- 2) Cells present in blood ?
- 3) The reaction of blood plasma ?
- 4) Blood cells ?
- 5) Composition of blood ?
- 6) Blood plasma ?
- 7) Anticoagulants ?
- 8) Functions of lymphocytes ?

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS****15 x 3 = 45**

- 1) Explain the Coagulation of blood ?
- 2) Explain the factors and functions of blood cells ?
- 3) Describe the structure of blood vessels ?
- 4) Describe the estimation of haemoglobin (Sahil's acid haematin method) ?



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### ONE YEAR EXAMINATION NOV-2015

AHS018-03 NURSING MANAGEMENT OF PATIENTS WITH BLOOD DISORDERS, BLOOD BANKING -

TIME: 3 Hours

Marks: 100

#### INSTRUCTIONS

- \* 33 questions are there in total
- \* Write answers to each question in proportion to the mark allotted
- \* During the first 15 minutes read the questions carefully

#### I. FILL IN THE BLANKS

1 x 10 = 10

- 1) Cutting section is done with the help of .....
- 2) Father of modern pathology is.....
- 3) .....groups are called universal donors
- 4) In leukaemia or lymphoma.....is the test done
- 5) EDTA is.....agents
- 6) In chronic myelogenous leukaemia .....are observed
- 7) In pregnancy ESR is usually.....
- 8) In the sickle cell anaemia.....ESR is observed
- 9) To keep blood in fluid state.....are used
- 10) .....is the largest cell found in the peripheral blood

#### II. DEFINE THE FOLLOWING

2 x 10 = 20

- 1) Define Anaemia.
- 2) Define Leukemia.
- 3) Define Anticoagulatory.
- 4) Define Haemophilia.
- 5) Define Haemorrhoids.
- 6) Define Polycythemia.
- 7) Define Blood groups.
- 8) Define Rh factor.
- 9) Define Varicose vein.
- 10) Define Blood banks.

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS****5 x 5 = 25**

- 1) Iron deficiency and hemolytic anaemi ?
- 2) A plastic and meguloplastic anaemia ?
- 3) Diseases transmitted through injuries ?
- 4) Live diseases caused by vitamin deficiency ?
- 5) Role of nurse in collection of blood ?
- 6) Selection of blood donors ?
- 7) Cross matching of blood ?
- 8) Indirect grouping of blood grouping ?

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS****15 x 3 = 45**

- 1) Explain the role of nurse in haematological surgery ?
- 2) Describe the nursing management of patient with blood disorders ?
- 3) Explain the complications of blood donation ?
- 4) Explain about blood bank in compact unit ?



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#### AHS018-04 IMMUNE HAEMATOLOGY, NURSING PRINCIPLES AND PRACTICE IN BLOOD TRANSFUSION

TIME: 3 Hours

Marks: 100

#### INSTRUCTIONS

- \* 33 questions are there in total
- \* Write answers to each question in proportion to the mark allotted
- \* During the first 15 minutes read the questions carefully

#### I. FILL IN THE BLANKS

1 x 10 = 10

- 1) .....deals with study of elements of blood and blood forming tissues
- 2) Used venipuncture needles must be discarded into.....
- 3) Compatibility testing is done in.....
- 4) In blood collection procedure .....sample is preferred
- 5) For bacteriological examinations .....blood is preferred
- 6) Myeloblast are the immature form of.....cells
- 7) Volume of normal semen is.....
- 8) Circulatory over load results .....and.....
- 9) Pyrogenic reactions producing.....and.....
- 10) .....blood group is known as universal recipient

#### II. DEFINE THE FOLLOWING

2 x 10 = 20

- 1) What is Immunohaematology ?
- 2) What are Haemolytic reactions ?
- 3) Define Clumping.
- 4) What is Blood transfusion ?
- 5) Define Antigens ?
- 6) What is a Grouping and typing ?
- 7) What is a Universal recipient ?
- 8) Define ACD solution.
- 9) Conditions in which coagulation time is less than normal ?
- 10) Abnormal leucocytes ?

**III. WRITE BRIEF ANSWER FOR ANY 5 QUESTIONS****5 x 5 = 25**

- 1) Nurses responsibility in the blood transfusion ?
- 2) Blood processing ?
- 3) Transfusion of platelets
- 4) WIDAL test ?
- 5) Coagulation factor deficiency ?
- 6) Lymphoma ?
- 7) Safety precautions in immuno heamatological lab ?
- 8) Blood auto analyser ?

**IV. WRITE LONG ANSWER FOR ANY 3 QUESTIONS****15 x 3 = 45**

- 1) Explain the diseases transmitted by blood transfusion ?
- 2) Describe the important principles of immunohaematology ?
- 3) Explain about nursing management of transfusion reactions ?
- 4) Examine the factors noticed in the selection of blood donors ?