CENTRAL BHARAT SEVAK SAMAJ

NATIONAL DEVELOPMENT AGENCY, ESTABLISHED IN 1952 BY PLANNING COMMISSION, GOVT. OF INDIA

CENTRAL BOARD OF EXAMINATIONS

BSS NATIONAL VOCATIONAL EDUCATION MISSION

AHS018-CERTIFICATE IN BLOOD BANK ASSISTANT

ONE YEAR EXAMINATION NOVEMBER-2025

AHS018-01 COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 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 - ANSWER FOR ANY 10 QUESTIONS **1 x 10 = 10**

1) Pronouns are used instead of _____

2) Consonants are _____ in number

3) I saw a beggar near _____ bus stop

4) The sun _____ in the east.

5) They are playing _____ the tree.

6) He is _____ manager.

7) I waited for _____ hour.

8) Let the door _____ opened.

9) Scanner is a _____ Device

10) website is group of _____

11) Hybrid computer is used for _____

12) Basic working platform of the computer is _____

13) In C++ the error contents are based on _____

14) _____ key is also used to select spelling command

15) That is _____ Parrot.

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Define formation of noun words?
2) Define Gender?
3) Define the adjectives words?
4) What is meant by verb?
5) What is meant by adverb?
6) What is meant by preposition?
7) What is meant by plural number? Example:-
8) What is meant by Feminine Gender?
9) Windows
10) Desktop
11) Formating tool bar
12) Explain any five options for the format 'menu'
13) Define Conjunciton
14) Define Proper Noun
15) What is an Operating system?

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

1) Explain few sentences using "across, at"?
2) Define phrase
3) Write how to prepare bio-data for intervious
4) Write any two kind of official letters
5) Spin box
6) Time sharing
7) Immediate management in animal bites
8) Verb

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

1) Explain MS Excel
2) Briefly explain storage unit
3) Explain 'slide presentation creating' in MS Power Point
4) Prepare an essay on women empowerment
5) Explain about MS Excel application

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AHS018-CERTIFICATE IN BLOOD BANK ASSISTANT

ONE YEAR EXAMINATION NOVEMBER-2025

AHS018-02 HISTORY AND SCOPE OF BLOOD,BLOOD FORMATION

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 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 - ANSWER FOR ANY 10 QUESTIONS **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 - ANSWER FOR ANY 10 QUESTIONS **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.
11) Requirements for platelet count
12) Define Bleeding time.

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 factores 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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AHS018-CERTIFICATE IN BLOOD BANK ASSISTANT

ONE YEAR EXAMINATION NOVEMBER-2025

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

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 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 - ANSWER FOR ANY 10 QUESTIONS **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 myclogenous 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 - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) Define Anaemia.
2) Define Leukemia.
3) Define Anticoagulory.
4) Define Haemohilia.
5) Define Haemorrhoids.
6) Define Polycythemia.
7) Define Blood groups.
8) Define Rh factor.
9) Define Vericos vein.
10) Define Blood banks.
11) What is Tube technique of blood grouping?
12) What is Universal donor?

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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ONE YEAR EXAMINATION NOVEMBER-2025

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

TIME: 3 Hours **Marks: 100**

INSTRUCTIONS

* 43 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 - ANSWER FOR ANY 10 QUESTIONS **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) Compatiablility testing is done in _____

4) In blood collection procedure _____ sample is preferred

5) For bacteriological examinations _____ blood is prefered

6) Myeloblast are the immature form of _____ cells

7) Volume of normal semen is _____

8) Circulatroy over load results _____ and _____

9) Pyrogenic reactions producting _____ and _____

10) _____ blood group is known as universal recipient

II. DEFINE THE FOLLOWING - ANSWER FOR ANY 10 QUESTIONS **2 x 10 = 20**

1) What is Immunohaematology?
2) What is a 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 lecucocytes?
11) Tests done in immuno laboratory?
12) Cross matching of blood samples?

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?