1.
Which of the following school of Hindu philosophy asserts that Moksha is gained through right knowledge?
(A)
Yoga
(B)
Samkhya
(C)
Mimansa
(D)
Nyaya
Answer: D (Nyaya)
2.
'Kumarakom and Beypore', which were selected under the Swadesh Darshan 2.0 Scheme, are located in which state?
(A)
Tamil Nadu
(B)
Kerala
(C)
Rajasthan
(D)
Haryana
Answer: B (Kerala)
3.

What is the expansion of 'V-CIP', which was seen in the news related to banking?
(A)
Venture Capital Identification Process
(B)
Video based Customer identification process
(C)
Voice based Customer identification process
(D)
Venture Capital Investment Process
Answer: B (Video based Customer identification process)
4.
Which pollution causes photochemical smog
(A)
Soil
(B)
Water
(C)
Air
(D)

Noise
Answer: C (Air)
5.
Who said that Indian National Congress is a 'begging institute'?
(A)
Mahatma Gandhi
(B)
Bipin Chandra Pal
(C)
Bal Gangadhar Tilak
(D)
Aurobindo Ghosh
Answer: D (Aurobindo Ghosh)
6.
Which Act of British Parliament took away the exclusive right of the company to trade in India?
(A)

Regulating Act of 1773
(B)
Pitt's India Act of 1784
(C)
Charter Act of 1813
(D)
Charter Act of 1833
Answer: C (Charter Act of 1813)
7.
Bring out the incorrectly matched pair?
(A)
Baira Siul Project : Himachal Pradesh
(B)
Solal Project – Jammu & Kashmir
(C)
Tanakur Project – Uttar Pradesh
(D)
Koel Karo Project – Bihar
Answer: D (Koel Karo Project – Bihar)
8.
Which institution launched the 'Al4Bharat' initiative to build open-source language Al for Indian languages?
(A)
IIT Bombay

(B)	
IIT Madras	
(C)	
lisc Bengaluru	
(D)	
IIT Kanpur	
Answer: B (IIT Madras)	
9.	
Rht13, which was seen in the news, is a semi-dwarf gene of which crop?	
(A)	
Rice	
(B)	
Wheat	
(C)	
Cotton	
(D)	
Jute	
Answer: B (Wheat)	
10.	
Arjun Erigaisi, who was seen in the news, is associated with which sports	?
(A)	
Tennis	
(B)	

Chess
(C)
Squash
(D)
Basket Ball
Answer: B (Chess)
11.
A light year is a measure of?
(A)
Speed
(B)
Velocity
(C)
Distance
(D)
Time
Answer: C (Distance)
12.
A bottle of sodalime, when grasped by neck and swung briskly in vertical circle, the bubbles will collect at:
(A)
Near the bottom

(B)
In the middle of the bottom
(C)
Near the neck
(D)
Distributed uniformly
Answer: C (Near the neck)
13.
The moment of inertia of a body does not depend upon which of the following?
(A)
Axis of rotation
(B)
Angular velocity
(C)
Form of mass
(D)
Distribution of mass
Answer: B (angular velocity)
14.
Which of the following is an aluminium ore?
(A)
Bauxite
(B)

Dolomite
(C)
Calamine
(D)
Haematite
Answer: A (Bauxite)
15.
Which of the following is the maximum number of electrons that can be present in Mshell?
(A)
2
(B)
8
(C)
18
(D)
32
Answer: C (18)
16.
What is the valency of magnesium?
(A)
1

(B)
2
(C)
3
(D)
4
Answer: B (2)
17.
Which of the following is the strongest chamber of the human heart?
(A)
Left ventricle
(B)
Left atrium
(C)
Right ventricle
(D)
Right atrium
Answer: (A) Left Ventricle
18
What happens when the ph in the blood reduces?
(A)

Blood supply to the brain reduces
(B)
Affinity of hemoglobin with oxygen decreases
(C)
Rate of heartbeat reduces
(D)
Rate of heartbeat increases
Answer: (B) Affinity of hemoglobin with oxygen decreases
19
Which of the pair of an organ is meant for respiration in humans?
(A)
Kidney
(B)
Lung
(C)
Hand
(D)
Eye
Answer: (B) Lung
20
Is it true that Herbivores have a longer small intestine than a carnivore?
(A)
False
(B)
True

(C)
Can't say
(D)
May be
Answer: (B) True
SECTION B
21.
The main goal of treatment for acute glomerulonephritis is to: (A)
Encourage activity.
(B)
Encourage high protein intake.
(C)
Maintain fluid balance.
(D)
Teach intermittent urinary catheterization.
Answer: Maintain fluid balance.
22.
The most common, preventable complication of abdominal surgery is: (A)
Atelectasis

(B)
Fluid and electrolyte imbalance.
(C)
Thrombophlebitis
(D)
Urinary retention.
Answer: Atelectasis
23.
To prepare a patient on the unit for a bronchoscopic procedure, the medical-surgical nurse administers the IV sedative. The nurse then instructs the licensed practical/vocational nurse to:
(A)
Educate the patient about the pending procedure.
(B)
Give the patient small sips of water only.
(C)
Measure the patient's blood pressure and pulse readings.
(D)
Take the patient to the bathroom one more time.
Answer: Measure the patient's blood pressure and pulse readings.

vynich action best describes a sentinei event alert?	
(A)	
Documenting the breakdown in communication during a shift report.	
(B)	
Indicating that a community or institution is unsafe.	
(C)	
Recording the harm done when a medication error occurs.	
(D)	
Signaling the need for immediate investigation and response.	
Answer: Signaling the need for immediate investigation and response.	
25.	
A nursing department in an acute care setting decides to redesign its nursing practice based on a theoretical framework. The feedback from patients, families, a staff reflects that caring is a key element. Which theorist best supports this conce	
(A)	
Erikson	
(B)	
Maslow	
IVIAGIOVV	
(C)	
(C)	
(C) Rogers	

Answer: Watson
26.
Minimum & Maximum score of GCS are:
(A)
8-9
(B)
8-12
(C)
12-13
(D)
3-15
Answer: 3-15
27.
Nurse Linda was monitoring a 35-year-old male patient who was receiving blood transfusion. On assessment, the nurse found that the respiratory rate is 24 and Blood Pressure is 90/60. Which of the following is the priority action by the nurse?
(A)
Slow the infusion rate
(B)
Immediately flush IV line with normal saline
(C)
Immediately stop the transfusion

(D)
Notify the doctor
Answer: Immediately stop the transfusion
28.
A client admitted in the coronary care unit (CCU) has developed atrial fibrillation. The ventricular rate is at 155 beats per minute. The nurse should assess the client for:
(A)
Flat neck veins
(B)
Hypertension and headache
(C)
Nausea and vomiting
(D)
Hypotension and dizziness
Answer: Hypotension and dizziness
20
29.
The doctor orders cardiac catheterization for a client admitted in the CCU. The procedure will involve the use of a radiopaque dye. The nurse is aware that the most important part of the pre-procedure assessment is checking:
(A)
Allergy to iodine or shellfish

(B)
Height and weight
(C)
Baseline peripheral pulse rates
(D)
Intake and output
Answer: Allergy to iodine or shellfish
30.
Which solution is used for maintaing patency of intestinal tube-
(A)
Hypotonic saline
(B)
Hypertonic saline
(C)
Normal saline
(D)
Sterile water

Answer: Normal saline

The secondary response of the antibodies against the same antigen is termed as
(A)
Anamnestic response
(B)
Allergy
(C)
Anaphylactic reaction
(D)
Immune response
Answer: Immune response
32.
Xanthoma refers to?
(A)
Dry mouth
(B)
Dryness of conjunctiva
(C)
Yellowish plaques that occur most commonly near the inner canthus
(D)
Fatty growth develop underneath the skin

Answer: Fatty growth develop underneath the skin

Laceration

A 32 year old patient is admitted to burns unit with burn injury to anterior, posterior chest and abdomen. Which of the following assessment is most important for this client in first 48 hours?
(A)
Frequent assessment of pain
(B)
Hourly urine output measurement
(C)
Hourly BP measurement
(D)
Assessment of skin color and capillary refill
Answer: Hourly urine output measurement
34.
34. If the incisional area of an abdominal surgery is weak, what is possible to happen when abdominal muscles contract and increases intraabdominal pressure?
If the incisional area of an abdominal surgery is weak, what is possible to happen
If the incisional area of an abdominal surgery is weak, what is possible to happen when abdominal muscles contract and increases intraabdominal pressure?
If the incisional area of an abdominal surgery is weak, what is possible to happen when abdominal muscles contract and increases intraabdominal pressure? (A)
If the incisional area of an abdominal surgery is weak, what is possible to happen when abdominal muscles contract and increases intraabdominal pressure? (A) Evisceratinn

(D)
Shearing
Answer: Dehiscence
35.
Which of the following is a substance that decreases pain transmission and causes an inflammatory response?
(A)
Substance P
(B)
Endorphin
(C)
Prostaglandin
(D)
Histamine
Answer: Endorphin
36.
Bacteria having clusters of flagella at both poles of cells are known as?
(A)
Amphitrichous
(B)

Monotrichous
(C)
Peritrichous
(D)
Lophotrichous
Answer: Amphitrichous
37.
37.
What are the cell wall structural components of fungi?
(A)
Peptidoglycan
(B)
Cellulose
(C)
Chitin
(D)
Chitin, cellulose, or hemicellulose
Answer: Chitin, cellulose, or hemicellulose
38.
Posthitis is
(A)

Inflammation of penis
(B)
Inflammation of testes
(C)
Inflammation of scrotum
(D)
Inflammation of foreskin
Answer: Inflammation of foreskin
39.
Element helpful in blood coagulation
(A)
Sodium
(B)
Potassium
(C)
Calcium
Galoidiii
(D)
(D)

40.

A person is allergic for peanut butter an is going into anaphylactic shock. What do you do next?
(A)
Have them sit with their head between her knees and have them breathe deeply
(B)
Give them some water to cool the throat
(C)
Give them some aspirin immediately
(D)
Give them some sweet drinks
Answer: Give them some aspirin immediately
41.
When transferring a patient from a bed to a chair, the nurse should use which muscle
When transferring a patient from a bed to a chair, the nurse should use which muscle to avoid back injury?
to avoid back injury?
to avoid back injury? (A)
to avoid back injury? (A) Abdominal muscles
to avoid back injury? (A) Abdominal muscles (B)
to avoid back injury? (A) Abdominal muscles (B) Back muscles
to avoid back injury? (A) Abdominal muscles (B) Back muscles (C)
to avoid back injury? (A) Abdominal muscles (B) Back muscles (C) Upper arm muscles
to avoid back injury? (A) Abdominal muscles (B) Back muscles (C)

Answer: Leg muscles
42.
To institute appropriate isolation precautions, the nurse first must know the,
(A)
Organism's mode of transmission
(B)
Organism's gram staining characteristics
(C)
Organism's susceptibility to antibiotics
(D)
Patient's susceptibility to the organism
Answer: Organism's mode of transmission
43.
A client has a pressure ulcer with a shallow, partial skin thickness, eroded areas but no necrotic areas. The nurse would treat the areas with which dressing?
(A)
Alginate
(B)
Dry gauze
(C)

Hydrocolloid
(D)
No dressing is indicated.
Answer: Hydrocolloid
44.
Answerable to oneself and others for one's own action is referred as
(A)
Accountability
(B)
Responsibility
(C)
Justice
(D)
Veracity
Answer: Accountability
45.

Answer: Wear dark wrap a rounded sunglasses when driving home in the morning and sleep in a darkened bedroom.
47.
Which one of the following measures are not recommended to prevent pressure ulcer
(A)
Using a water or air mattress
(B)
Adhering to a schedule for positioning and turning
(C)
Massaging over the bony prominences
(D)
Providing meticulous skin care.
Answer: Massaging over the bony prominences
48.
The client's post operative orders state "diet tolerated". The client has been NPO. The nurse will advance the client's diet to clear liquids based on which assessment?
(A)
Pain level is maintained at a rating of 2-3 out of 10
(B)
Ambulates with minimal assistance

(C)
Expresses feeling "hungry"
(D)
States passing flatus
Answer: States passing flatus
49.
Nursing students have been assigned to develop their own theory of nursing. Which of the following would they in their theory, often referred to as the meta paradigm nursing?
(A)
Society, medicine, nursing and biology
(B)
Client, environment, health and nursing
(C)
Patient, facility, health and nursing
(D)
Organization, medicine, nursing and client
Answer: Client, environment, health and nursing
50.
A client woke in the middle of the night, confused and unaware of the surroundings. Although the call light was within reach the client got out of bed unassisted, tripped

on the bedside chair, and fell. Which of the following elements of malpractice is missing in this incident?
(A)
Forseeability
(B)
Damages
(C)
Injury
(D)
Duties
Answer: Forseeability
51.
Which of the following statement indicates the nurse has the right understanding of the drug Digoxin while explaining its action to the patient?
(A)
Digoxin increases the heart rate of the patient
(B)
Digoxin is administered to reduce Blood pressure
(C)
Digoxin increases the contractility of the heart muscle
(D)
It increases the coronary artery blood flow

Answer: Digoxin increases the contractility of the heart muscle
52.
Which of the following drug is commonly administered for a patient with supraventricular tachycardia which also has a short half-life
(A)
Metoprolol
(B)
Adenosine
(C)
Captopril
(D)
Amiodarone
Answer: Adenosine
53.
The common antiseptic agent used in burn wounds and active against pseudomonas is
(A)
Zinc salts
(B)
Silver sulfadiazine
(C)

Savlon
(D)
Mercury compounds
Answer: Silver sulfadiazine
54.
The drug that neutralizes gastric acid secretion in the stomach is
(A)
H2 blockers
(B)
Proton pump inhibitors
(C)
Antacids
(D)
Bismuth compounds
Answer: Antacids
55.
The frustration-aggression hypothesis;
(A)
Was developed by social learning theorist

(B)
Assumes that frustration produces aggression
(C)
Assume that aggression is basic instinct
(D)
Claims that frustration and aggression are both instinctive
Answer: Assumes that frustration produces aggression
56.
Psychophysics is the study of:
(A)
Depth perception
(B)
Perceptual illness
(C)
Movement perception
(D)
The psychological perception oh physical stimuli
Answer: The psychological perception oh physical stimuli
57.
In patient with AV Fistula which of the following nursing action is right

(A)
Encourage him not to perform exercises in fistulated arm
(B)
Taking blood samples in fistulated arm
(C)
Monitors Intake and output chart
(D)
Check BP in non fistulated arm
Answer: Check BP in non fistulated arm
58.
While administering IV Nitroglycerine the nurse must
(A)
Administer fluids to the patient
(B)
Check serum electrolytes
(C)
Monitor blood pressure of the patient
(D)
Monitor for arrhythmias

Answer: Monitor blood pressure of the patient

59.
1% sodium hypochlorite is used for disinfection of which of the following element?
(A)
Surface cleaning
(B)
Toilet cleaning
(C)
Blood-stained linen
(D)
Endoscopes
Answer: Blood-stained linen
60.
60. Type A blood can receive donations from
Type A blood can receive donations from
Type A blood can receive donations from (A)
Type A blood can receive donations from (A) A and B

O and AB
(D)
A and O
Answer: A and O
61.
What divides the Right side of the heart from the left side?
(A)
Septum
(B)
Atrium
(C)
Ventricles
(D)
Wall
Answer: Septum

62.

The heart has how many chambers?
(A)
1
(B)
2
(C)
3
(D)
4
Answer: 4
63.
The role of the lacrimal glands is to -
(A)
Produce mucous to protect the throat
(B)

Produce tears to protect the eyes

(C)
Produce mucous to protect the nose
(D)
Produce salvia to protect the mouth
Answer: Produce tears to protect the eyes
64.
A group of people organised for a particular purpose is known as:
(A)
Community
(B)
Association
(C)
Society
(D)
Institution

Answer: Association
65.
One among the following is NOT a general principle of mental health nursing.
(A)
Being non-judgemental
(B)
Use of self understanding
(C)
Objective observation of patient
(D)
Maintaining unrealistic nurse patient relationship
Answer: Maintaining unrealistic nurse patient relationship
66.
is a turning point in an individual life that produces an overwhelming emotional response.

(A)
Stress
(B)
Crisis
(C)
Adaptation
(D) Mal adaptation
Answer: Crisis
67.
The theory which primarily focuses on the nurse patient relationship is
(A)
Orem's self care theory
(B)
Paplau's IPR theory
(C)

Roy's adaptation theory
(D)
Rogers theory of human development
Answer: Paplau's IPR theory
68.
A standard method of measuring the patients level of consciousness is
(A)
APGAR Score
(B)
MMSE score
(C)
Glasgow Coma scale
(D)
Conscious scale
Answer: Glasgow Coma scale

69.

Government of India has initiated mandatory rules for broadcasting cessation of tobacco use advertisement before every movie telecasted in television. The type of audio visual aid used for this advertisement is?
(A)
Auditory AIDS
(B)
Combined A-V Aids
(C)
Visual AIDS
(D)
Multidimensional Aids
Answer: Combined A-V Aids
70.
Five qualified persons are discussing on "Technology impact on Health care" in front of 150 audiences in an auditorium. This is an example of which method of Health education?
(A)
Conference
(B)

Symposium
(C)
Seminar
(D)
Panel Discussion
Answer: Panel Discussion
71.
In Motipur village, in the year 2018 total live birth was 176, Still birth was 20, Midyear population of the village is 7500, calculate Birth rate of the stated Village?
(A)
2.34
(B)
23.4
(C)
26.1
(D)

Answer: 23.4
72.
Who among the following can adopt a girl under "Hindu Child Adoption Act"?
(A)
Ms. Varsha a 24 years old female who is unmarried
(B)
Ms. Kashi a 27 years old woman married for 3 year and has 1 year old girl.
(C)
Mr. Sudhir 20-year-old unmarried man.
(D)
Mrs. Rani 26 years old married without consent of husband
Answer: Ms. Varsha a 24 years old female who is unmarried
73.
In which year Pre conceptional pre-natal diagnosis Test act was enacted?
(A)

1994
(B)
1996
(C)
2003
(D)
2006
Answer: 1994
74.
Under National Malaria Control program, which is the primary method for vector control in rural area?
(A)
Indoor residual spray.
(B)
Insecticide treated bed nets
(C)

Anti-larval measures
(D)
Case management
Answer: Indoor residual spray.
75.
Mr. Kalia is diagnosed to have Kala azar and is undergoing treatment in district hospital. How much incentive he should receive under revised strategy of total eradication of Kala Azar?
(A)
Rs. 300 as daily wages for time spent in hospital
(B)
Rs. 500 as daily wages for time spent in hospital
(C)
Rs.2000 as lump sum
(D)
Rs. 200/ day till completion of treatment

Answer: Rs. 500 as daily wages for time spent in hospital

76.
Which of the following demonstrates Intersectoral linkages?
(A)
Two-way referral system
(B)
Team approach
(C)
Endorsement done by a midwife to another midwife
(D)
Cooperation between the Nurse and public-school teacher
Answer: Cooperation between the Nurse and public-school teacher
77.
As a community health nurse, you are conducting a mass health education programme on Reduction of solid waste disposal. The most important concept of your education should be?
(A)
Recycling

(B)
More timber
(C)
Lesser pollution
(D)
Population control
Answer: Recycling
78.
Which of the following example best describe long-term goal of family health?
(A)
People in the community will acquire adequate knowledge regarding the cause, spread and prevention of Poliomyelitis within a month
(B)
Mother will acquire adequate knowledge regarding the cause, spread, treatment and prevention of diarrhoea within 2 hours.
(C)
Group of people acquire adequate skill to use Proposal protective equipment within 2 days.

(D)
Group of mothers learn hand washing technique with in one day.
Answer: Group of mothers learn hand washing technique with in one day.
79.
Mrs. Janaki is posted in sub centre. Which of the following Indicator will help her to assess MCH care in her area?
(A)
Maternal mortality ratio
(B)
Infant Mortality rate
(C)
Total fertility rate
(D)
Under 5 mortality rate
Answer: Maternal mortality ratio
80.
You are conducting a survey in your village. Whom do you include in "Target

Couple"?
(A)
Couples who have 1-2 living children
(B)
Couples who have 2-3 living children
(C)
Married couple wherein the wife is in the age between "15 and 45"
(D)
Reproductive age group of male and female
Answer: Couples who have 2-3 living children
81.
The central health education bureau consists of all except
(A)
Training
(B)
Media research

(C)
Auditing
(D)
Evaluation
Answer: Auditing
82.
School health education division was established in
(A)
1952
(B)
1953
(C)
1954
(D)
1958

Answer: 1958

83.
What connects the sender to the receiver?
(A)
Channel
(B)
Communication
(C)
Noise
(D)
Feedback
Answer: Channel
84.
The in the usage of words may be a severe barrier to effective communication.
(A)
Disturbance
(B)
Discrimination
(C)
Disorder
(D)
Distortion

Answer: Distortion
85.
Most of us converse using and in addition to words when we speak.
(A)
Body language and posture
(B)
Gestures and body language
(C)
Words and gestures
(D)
Posture and eye gazing
Answer: Gestures and body language
86.
refers to pitch, loudness, length, intonation, and tempo.
(A)
Haptics
(B)
Prosody
(C)
Gestures
(D)

Touches
Answer: Prosody
87.
Which of the following diseases is also called as "Salmonella enterica serotype Typhi"?
(A)
Typhoid
(B)
Malaria
(C)
Diarrhea
(D)
Yellow fever
Answer: Typhoid
88.
Sixteen years old primi gravid patient admitted with severe pregnancy-induced hypertension is given intravenous magnesium sulphate. The nurse should obtain which one of the following information?
(A)

Urinary output every 8 hours

(B)
Deep tendon reflexes every 4 hours
(C)
Respiratory rate every hour
(D)
Blood pressure every 6 hours
Answer: Respiratory rate every hour
89.
Twenty-five-year-old lactating woman presented with fever, acute breast pain, and swelling. Which one of the following organisms causes this acute breast problem?
(A)
Steptococcus
(B)
Staphylococcus
(C)
Enterococcus
(D)
Pneumococcus
Answer: Staphylococcus
90.

(A)
It is about 1.5 inches in length
(B)
It's posterior to the vaginal orifice
(C)
It pierces through the urogenital diaphragm
(D)
It is straight and offers minor resistance for catheterization
Answer: It is straight and offers minor resistance for catheterization
91.
Premature separation of a normally implanted placenta during the second half of pregnancy usually with severe hemorrhage is known as?
(A)
Placenta previa
(B)
Ectopic pregnancy
(C)
Incompetent cervix
(D)
Abruptio placentae

Nurse is about to catheterize the bladder of a pregnant lady. She should be aware that all the following facts about the female urethra are true except?

Answer: Abruptio placentae
92.
Purple-blue tinge of the cervix is?
(A)
Braxton-Hicks signs
(B)
Chadwick's sign
(C)
Goodell's sign
(D)
Mcdonald's sign
Answer: Chadwick's sign
93.
Which of the following can lead to a greenish discoloration of the amniotic fluid?
(A)
Lanugo
(B)
Hydramnios
(C)

Meconium

(D)
Vernix
Answer: Meconium
94.
The embryo/fetus gets its food supply from?
(A)
Arteries of the mother
(B)
The uterus
(C)
The placenta
(D)
The amniotic sac
Answer: The placenta
95.
A patient progresses from pre-eclampsia to eclampsia, the nurse's first action should be to?
(A)
Administer oxygen by face mask

(B)
Clear and maintain an open airway
(C)
Administer magnesium sulfate intravenously
(D)
Assess the blood pressure and fetal heart rate
Answer: Assess the blood pressure and fetal heart rate
96.
What is the primary goal of disaster management in healthcare?
(A)
To prevent disasters from occurring
(B)
To minimize the impact of disasters on the healthcare system
(C)
To provide immediate relief to disaster victims
(D)
To rebuild and restore the affected healthcare infrastructure
Answer: To minimize the impact of disasters on the healthcare system
97.
Which of the following is NOT a phase of disaster management?

(A)
Mitigation
(B)
Response
(C)
Rehabilitation
(D)
Evaluation
Answer: Evaluation
98.
During a disaster, what is the role of a triage nurse?
(A)
To provide immediate medical treatment to all patients
(B)
To prioritize patients based on the severity of their injuries
(C)
To coordinate the evacuation of patients to other healthcare facilities
(D)
To assess the overall impact of the disaster on the healthcare system

Answer: To prioritize patients based on the severity of their injuries

99.
Which of the following strategy is recommended for pre-operative preparation of hair removal before surgical procedure?
(A)
Using Razor
(B)
Using scissors
(C)
Electrical clippers
(D)
Using creams
Answer: Electrical clippers
100.
For preoperative skin disinfection prior to minor surgical procedures which of the following antiseptic solution is recommended?

(A)

2.0% chlorhexidine in 70% alcohol

(B)
0.5% chlorhexidine in 70% alcohol solution
(C)
2.0% chlorhexidine in 20% alcohol
(D)
0.5% chlorhexidine in 20% alcohol solution

Answer: 0.5% chlorhexidine in 70% alcohol solution