higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

SANITATION AND SAFETY N4

22 NOVEMBER 2019

This marking guideline consists of 7 pages.

Copyright reserved

SECTION A

QUESTION 1

1.1
1.1.1 B
1.1.2 A
1.1.3 B/C
1.1.4 C
1.1.5 A
1.1.6 A
1.1.7 A
1.1.8 B
1.1.9 D
1.1.10 D

(10 × 2) **[20]**

QUESTION 2

2.1
2.1.1 True
2.1.2 False
2.1.3 False
2.1.4 True
2.1.5 False
2.1.6 True
2.1.7 False
2.1.8 False
2.1.9 False
2.1.10 False

(10 × 2) **[20]**

QUESTION 3

3.1
- Gauze
- Cotton wool
- Tweezers
- Splint
- Roller bandages
- Gloves
- Assorted plasters
- Gloves
- Antiseptic wipes/liquid
- Scissors

(Any 10 × 1) **[10]**

TOTAL SECTION A: 50

Copyright reserved

QUESTION 4

4.1
- Fever
- Abdominal pain
- Diarrhoea
- Vomiting
- Headache (5)

4.2
4.2.1 No.
4.2.2 Unicellular plants that contain no chlorophyll.
4.2.3 Budding.
4.2.4 Wine/beer/bread/alcohol.
4.2.5 No.
4.2.6 Tiny filamentous plants.
4.2.7 Asexual reproduction/sexual reproduction.
4.2.8 Cheese/yogurt/antibiotics.
(8 × 1) (8)

4.3
- Time✓ – 10–20minutes to multiply.✓
- Temperature✓ – Optimum temperature for growth is 37 ºC.✓
- Water✓ – so that chemical reactions can take place.✓
- Food✓ – microorganisms grow mainly on foods rich in protein and moisture.✓
- PH✓ – microorganisms prefer a PH of 7.✓
- Oxygen✓ – all organisms respire and need oxygen to do so.✓ (Any 5 × 2) (10)

4.4
- Salmonella.
- Clostridium botulinum.
- Staphylococcus aureus.
- Streptococcus. (4)

4.5 A substance,✓ produced in the normal growth of some organisms,✓ which suppresses the growth of others.✓ (3)

4.6
4.6.1 Clean with water✓ to remove loose soil.✓ (2)
4.6.2 Remove all residual dirt✓ using a detergent.✓ (2)
4.6.3 Remove and rinse away all detergent and soil.✓ (2)
4.6.4 Destruction✓ of microorganisms✓ by using chemicals✓ with and without heat.✓ (4)
4.6.5 Removal✓ of sanitising chemicals✓ with water.✓ (3)

4.7
- Sight✓ – Under good light, no signs of soil or wetness.✓
- Touch✓– No sign of greasy/rough feel on fingers.✓
- Smell✓ – No objectionable odour present.✓ (3 × 2) (6)

4.8 Sunlight liquid. (1)

[50]

QUESTION 5

5.1 Any chemical✓ used in sanitising or disinfection.✓ (2)

5.2
- Good penetrating power.
- Reaches into corners in equipment where access is difficult. (2)

5.3
- Leave major repairs for an expert.
- Don't use electricity near water or handle appliances with wet hands.
- Frayed cords must be replaced immediately.
- Switch current off when removing or inserting a plug.
- Never jerk at the cord to get plug out.
- Never switch on an empty microwave. (Any 5 × 1) (5)

5.4
- Water spilled on floor was not cleaned up immediately.
- Knives are protruding from edges of kitchen counters.
- Pot is left unattended.
- Cords are stretched across walkway – someone may trip.
- Gas is used near a window and curtains, may cause a fire. (5)

5.5 5.5.1
- Keep hair clean and free from dandruff.
- If hair extends beyond the collar, it must be tied up.
- Wear an appropriate hair net or chef's hat when working with food.
- Wash hair regularly.
- Don't use others' hair brushes. (Any 4 × 1)

5.5.2
- Do not damage tooth enamel by biting on hard objects.
- Visit the dentist every six months.
- Brush teeth twice a day.
- Use an antiseptic mouthwash.

5.5.3
- Wash hands after every visit to the toilet.
- After coughing, sneezing or blowing nose.
- Ensure that nails are short and clean.
- Ladies should not wear artificial nails or nail polish on nails.

5.5.4
- Make sure you wear comfortable, closed, non-slip shoes.
- Put on clean socks daily.
- Use a foot powder.
- Clip toenails and ensure that they are clean.

(4 × 4) (16)

Copyright reserved

5.6

Area/Equipment	M✓	T✓	W✓	T✓	F✓	S✓	S✓
Deep fat fryer is cleaned✓							
Bins are emptied in kitchen✓							
Chopping block is cleaned✓							
Can opener is cleaned✓							
Floors are swept and mopped✓							
Grills are cleaned✓							
Cold room is packed neatly✓							
Food slicer is cleaned and sanitised✓							
Dishwasher is unpacked and cleaned out✓							
Counters and sinks are all sanitised and clean✓							

(17)

5.7
- Licking fingers while preparing foods.
- Rubbing head or other parts of the body while preparing food.
- Chewing gum.
- Biting nails. (Any 3 × 1) (3)

[50]

QUESTION 6

6.1
- Keep surrounding areas clean.
- Do not leave food lying around.
- Cover all food.
- Refuse bins must have tight-fitting lids.
- Wet refuse such as fruit and vegetable skins must be wrapped in newspaper before being discarded in the bin.
- Avoid stacking newspapers and magazines. Cockroaches use these areas to breed.
- Use an insecticide if necessary.
- Store food off the floor, away from walls. (8)

Copyright reserved

6.2
- Follow FIFO system.
- Make sure everything is stored in air-tight containers, off the floors. (2)

6.3
- Hygienic and suitable toilet facilities.
- Toilets must be well ventilated and should not open directly onto food areas.
- Toilet paper must be provided.
- Antibacterial soap at wash basins for hand washing.
- Notices on procedures for washing hands.
- Full-length mirrors must be provided.
- Areas to store uniforms. (Any 4 × 1) (4)

6.4
- Ensure that the employee goes to a doctor or clinic.
- The employee must provide a letter from doctor/clinic to state when s/he may return to work.
- Ensure that the employee takes his/her medicine through the DOT (directly observed treatment) system of a colleague daily.
- Be supportive.
- Encourage healthy eating habits, which aids in recovery. (5)

6.5 If a women drinks regularly while she is pregnant✓ the baby could be mentally retarded✓ or suffer from inhibited growth✓ and physical defects.✓ (4)

6.6
- Donating blood.
- Dry kissing and hugging.
- Sharing toilets and swimming pools.
- Playing sports together.
- Shaking hands. (5)

6.7
- Blood, semen or vaginal fluids from an infected person passing into the body of another.
- Sexual intercourse – man to man, woman to man, woman to woman.
- Sharing unsterilized needles or syringes for injecting drugs.
- From infected mother to unborn baby.
- People with STI's run greater risk. (5)

6.8
- Tobacco
- Pain killers
- Alcohol
- Amphetamine
- Tranquilisers
- Hard drugs
- Hallucinogens like dagga, cocaine, LSD (7)

Copyright reserved

6.9
- AA
- Nearest doctor or clinic
- Support groups at work
- A church
- SANCA
- Friends/family for help
- Rehabilitation contact numbers (7)

6.10
- Caffeine has a stimulating effect on all the organs.
- Continuous use weakens heart muscles.
- Digestion of food is retarded by having too much caffeine.
- Can cause palpitations.
- Dizziness.
- Sleeplessness. (Any 3 × 1) (3)

[50]

TOTAL SECTION B: 150
GRAND TOTAL: 200

Copyright reserved