Staff Nurse (BS-16), Health Department — 2019 · Solved Past Paper

Body: Sindh Public Service Commission (SPSC) · **Post:** Staff Nurse (BS-16), Health Department · **Year:** 2019 · **Questions:** 50 in the original paper — **49 solved and verified**, 1 excluded as defective (Q12) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2019 sitting.

Source note: trickipoint.com, 'Staff Nurse 2019 Past Paper PDF | SPSC' (accessed 10 Nov 2026; 50 stems numbered 1-50, Paper Type B, 24 August 2019, 9:30-10:30 am, Max Marks 100, 4-option). No printed key. Every answer was verified independently (own knowledge + targeted sources for the doubtful items) under the owner's 8 Nov 2026 standard. 1 PICK-ONE (Q29 C 40 drops — exact rate 41.7 drops/min with the standard 20 drops/mL macrodrip set, 42 not offered, 40 nearest; the identical question in the RRB Staff Nurse paper of 21 July 2019 is keyed 42 gtts). 1 DEFECTIVE-excluded (Q12 — option B prints 'Potential', not a route of transmission; intended 'Parenteral' not printed, no option correct as printed). Q4 C Three or four (South Asian textbook figure, 3-month interval; US Red Cross 6/year noted). Q3 D grappled (underlining verified by zoom: A Had, B been, C would, D grappled). Dedup (10 Nov 2026, dedup161a.py vs 662 built files): top hit 12/50 fuzzy >=0.55, 0 pairs >=0.90 — not a duplicate.

Question 1 English

Synonym of "Absolute":

- A. Half

- C. Complete ✓ **Correct answer**
- D. Divide

A. "Half" is the opposite of complete, not a synonym of "absolute".

B. "Small" means little in size, not a synonym of "absolute".

C. "Absolute" means total or complete, so "complete" is its synonym.

D. "Divide" means to split apart, not a synonym of "absolute".

Question 2 Nursing

When helping a client who is recovering from a stroke to walk, the nurse should assist:

- A. On the client's strong side
- B. on the client's weak side ✓ **Correct answer**
- C. From behind the client
- D. With a wheelchair

A. The nurse supports the weak (affected) side, not the strong side.

B. After a stroke the nurse walks on the client's affected (weak) side to support it and prevent falls.

C. Walking behind the client gives no support to the weak side.

D. A wheelchair is not used when the client is being helped to walk.

Question 3 English

From among the underlined words below find the error, if any: Had he been there, he would grappled with the situation.

- A. Had
- B. been

- D. grappled ✓ **Correct answer**

A. "Had" is correct: it opens the third conditional ("Had he been there…").

B. "been" is correct as the past participle after "had".

C. "would" is correct as the modal of the conditional result clause.

D. "grappled" is the error: after "would" the verb needs "have" + past participle — "he would have grappled with the situation".

Note: Note: the underlining was verified by zoom: A marks "Had", B marks "been", C marks "would", D marks "grappled".

Question 4 Nursing

A healthy person can donate blood in a:

- A. Six or seven
- B. Five or six
- C. Three or four ✓ **Correct answer**
- D. Two or three

A. Six or seven donations a year exceeds the South Asian textbook figure (a 3-month interval allows about four).

B. Five or six donations a year exceeds the South Asian textbook figure.

C. The South Asian textbook answer: a healthy person can donate blood three or four times in a year (Maharashtra Board Class 7 Science; Nepal Red Cross Society: four times a year).

D. Two or three is below the textbook figure of three or four times a year.

Note: Note: the stem prints "in a:" — the phrase "in a year" is cut off in the scan (filed as

US Red Cross maximum is 6 times a year under the 56-day rule; the South Asian textbook figure (3-month interval, 3–4 donations a year) is the intended answer for this paper.

Question 5 English

Hygiene is a word derived from?

- A. Latin
- B. English
- C. Greek ✓ **Correct answer**
- D. French

A. "Hygiene" is not derived from Latin.

B. "Hygiene" is not an English-origin word.

C. "Hygiene" comes from the Greek "hygieia" (health) / "hygies" (healthy).

D. "Hygiene" reached English through French, but it is derived from Greek.

Question 6 Nursing

Deficiency of ____ in food causes simple goiter.

- A. Sodium
- B. Iron
- C. Iodine ✓ **Correct answer**
- D. Calcium

A. Sodium deficiency does not cause goiter.

B. Iron deficiency causes anaemia, not goiter.

C. Iodine deficiency causes simple (endemic) goiter, the thyroid enlarging to compensate.

D. Calcium deficiency causes bone disease, not goiter.

The world's tallest mountain peak is in:

- A. China
- B. Pakistan
- C. Nepal ✓ **Correct answer**
- D. India

A. Mount Everest straddles the Nepal–China border, but the peak is counted in Nepal (the standard answer).

B. K2, the world's second-highest peak, is in Pakistan, not the tallest.

C. Mount Everest, the world's tallest peak (8,849 m), is in Nepal.

D. The world's tallest peak is not in India.

Question 8 Nursing

Which of the following has the lowest pH?

- A. Gastric juice ✓ **Correct answer**
- B. Hepatic bile
- C. Pancreatic juice
- D. Saliva

A. Gastric juice has a pH of about 1.5–2 (hydrochloric acid), the lowest of the four.

B. Bile has a pH of about 7.6–8.6 (alkaline), not the lowest.

C. Pancreatic juice has a pH of about 8 (alkaline), not the lowest.

D. Saliva has a pH of about 6.2–7.6, higher than gastric juice.

9 Nursing

Hearing receptor cells are located in ____

- A. Ossecles
- B. Organ of corti ✓ **Correct answer**
- C. Oval windows
- D. Eardrum

A. The ossicles are the small middle-ear bones (malleus, incus, stapes), not the site of the hearing receptors.

B. The hearing receptor (hair) cells sit in the organ of Corti in the cochlea.

C. The oval window is the membrane between the middle and inner ear, not the site of the receptor cells.

D. The eardrum (tympanic membrane) vibrates with sound but carries no receptor cells.

Note: Note: the print spells the option "Ossecles" (filed as printed); the bones are the ossicles.

Question 10 Nursing

The last sense a dying client will lose is:

- A. Smell
- B. Hearing ✓ **Correct answer**
- C. Taste
- D. Sight

A. Smell is lost earlier than hearing in the dying process.

B. Hearing is the last sense to be lost in a dying client (the standard nursing teaching).

C. Taste is lost earlier than hearing in the dying process.

st earlier than hearing in the dying process.

Question 11 Nursing

Where is erythropoietin hormone synthesized?

- A. Spleen
- B. Liver
- C. Kidney ✓ **Correct answer**
- D. Thyroid

A. The spleen does not synthesize erythropoietin.

B. The liver produces some erythropoietin in the fetus, but in adults the main site is the kidney.

C. Erythropoietin is synthesized mainly by the kidney (peritubular cells), stimulating red-cell production.

D. The thyroid does not synthesize erythropoietin.

Question 12 Nursing

Route of transmission of Hepatitis B is:

- A. Oral
- B. Potential
- C. Faeco oral
- D. Contaminated water

No answer is given for this question, and none is taught. DEFECTIVE — excluded (DEFECTIVE-excluded)

A. Hepatitis B is not transmitted by the oral route.

B. "Potential" is not a route of transmission at all — it is not a medical term for any route.

oral route transmits Hepatitis A and E, not Hepatitis B.

D. Contaminated water transmits Hepatitis A and E, not Hepatitis B. DEFECTIVE (decided by the assistant under the owner's 8 Nov 2026 delegation): DEFECTIVE-excluded: no option is correct as printed. Hepatitis B is transmitted parenterally (blood and body fluids) — the intended answer was almost certainly "Parenteral", but option B prints "Potential", which is not a route of transmission; no answer is asserted. Decided by the assistant under the owner's 8 Nov 2026 delegation.

Question 13 Nursing

Which plasmodium causes "malignant malaria"?

- A. P. Vivax
- B. P. Falciparum ✓ **Correct answer**
- C. P. Ovale
- D. P. Malaria

A. P. vivax causes benign tertian malaria, not malignant malaria.

B. P. falciparum causes malignant (falciparum/cerebral) malaria, the most severe form.

C. P. ovale causes a mild tertian malaria, not malignant malaria.

D. P. malariae causes quartan malaria, not malignant malaria.

Question 14 Nursing

When a client has left-sided weakness, what part of a sweater is put on first?

- A. Both sleeves
- B. Left sleeve ✓ **Correct answer**
- C. client's choice
- D. Right sleeve

A. Both sleeves cannot be put on first at the same time.

affected (weak) side first. the left sleeve goes on first when the client has left-sided weakness.

C. The rule is to dress the weak side first, not the client's choice.

D. The right sleeve is the strong side; it is put on second (and removed first).

Question 15 Nursing

Information given by the sufferer about his illness is termed as:

- A. Sign
- B. Symptom ✓ **Correct answer**
- C. Observation
- D. Diagnosis

A. A sign is what the clinician observes objectively, not what the patient reports.

B. A symptom is subjective information the patient reports about his illness.

C. An observation is what the nurse sees or measures, not what the patient reports.

D. A diagnosis is the clinician's conclusion, not the patient's report.

Question 16 English

Choose the correct option: "Ahmed is more responsible ____ any ____ boy in his class."

- A. then, some
- B. then, other
- C. than, other ✓ **Correct answer**
- D. None of these

A. "then" is an adverb of time, not the comparative word, and "some" does not fit the comparison.

B. "then" is wrong here, the comparative needs "than".

more responsible than any other boy in his class" — the correct comparative construction.

D. Option C is correct, so "None of these" is wrong.

Question 17 Nursing

The photoreceptors in eye are present in the:

- A. Iris
- B. Retina ✓ **Correct answer**
- C. Sclera
- D. Cornea

A. The iris controls the pupil size; it has no photoreceptors.

B. The photoreceptors (rods and cones) are present in the retina.

C. The sclera is the white outer coat of the eye; it has no photoreceptors.

D. The cornea refracts light; it has no photoreceptors.

Question 18 Nursing

The nerve, which carries messages from the brain and spinal cord to muscles and glands is:

- A. Motor nerve ✓ **Correct answer**
- B. Sensory nerve
- C. Mixed nerve
- D. Autonomic nerve

A. Motor (efferent) nerves carry impulses from the brain and spinal cord to muscles and glands.

B. Sensory (afferent) nerves carry impulses from the body to the brain and spinal cord —

direction.

C. A mixed nerve carries both sensory and motor fibres, but the description given is specifically the motor function.

D. Autonomic nerves control involuntary organs, but the description given is the general motor (efferent) function.

Question 19 General Knowledge

The Suez Canal is in:

- A. Panama
- B. Egypt ✓ **Correct answer**
- C. Sweden
- D. Switzerland

A. The Panama Canal is in Panama, not the Suez Canal.

B. The Suez Canal is in Egypt, joining the Mediterranean Sea to the Red Sea.

C. The Suez Canal is not in Sweden.

D. The Suez Canal is not in Switzerland.

Question 20 Nursing

Which of the following is intravascular fluid?

- A. Lymph
- B. Pleural fluid
- C. Plasma ✓ **Correct answer**
- D. Synovial fluid

A. Lymph is the fluid of the lymphatic vessels, not intravascular fluid.

B. Pleural fluid is the fluid between the pleural membranes, not intravascular fluid.

the fluid part of blood inside the vessels — intravascular fluid.

D. Synovial fluid is the fluid inside joint cavities, not intravascular fluid.

Question 21 Nursing

Precautions used when caring for a rubella patient is?

- A. Droplet ✓ **Correct answer**
- B. Contact
- C. Universal
- D. Hand washing

A. Rubella (German measles) is spread by respiratory droplets, so droplet precautions are used.

B. Contact precautions are for infections spread by touch, not rubella.

C. "Universal" precautions are the general standard, not the specific precaution for rubella.

D. Hand washing is part of standard precautions, not the specific precaution for rubella.

Question 22 Nursing

A client needs to be repositioned but is heavy and the nurse is not sure she can move the client alone. The nurse should:

- A. Try to move the client alone
- B. Have the family do it
- C. Ask another nurse to help ✓ **Correct answer**
- D. Go on to another task

A. Moving a heavy client alone risks injury to the nurse and the client.

B. Repositioning a heavy client is the nurse's responsibility, not the family's.

ice: get a second nurse to help move a heavy client.

D. Leaving the client unmoved neglects the client's care.

Question 23 Nursing

Cortisone is ____

- A. Protein
- B. Steroid ✓ **Correct answer**
- C. Carbohydrate
- D. Nucleic acid

A. Cortisone is not a protein.

B. Cortisone is a corticosteroid (steroid hormone).

C. Cortisone is not a carbohydrate.

D. Cortisone is not a nucleic acid.

Question 24 Nursing

Hypokalemia is the condition if serum ____ level is less than normal

- A. Potassium ✓ **Correct answer**
- B. Sodium
- C. Calcium
- D. Chlorine

A. Hypokalemia is a serum potassium level below normal.

B. Low sodium is hyponatremia, not hypokalemia.

C. Low calcium is hypocalcemia, not hypokalemia.

D. Low chloride is hypochloremia, not hypokalemia.

25 English 2

Antonym of "Barren":

- A. Radiant
- B. Besiege
- C. Fertile ✓ **Correct answer**
- D. Full

A. "Radiant" means shining, not the opposite of "barren".

B. "Besiege" means to surround (a verb), not the opposite of "barren".

C. "Barren" means unable to produce (land or womb); its antonym is "fertile".

D. "Full" is not the opposite of "barren".

Question 26 Nursing

It is appropriate for a nurse to share the information regarding a client's status with:

- A. Any one the nurse sees fit
- B. The client's family members
- C. The client's roommate
- D. The staff on the next shift ✓ **Correct answer**

A. Client information is confidential; it is not shared with anyone the nurse sees fit.

B. Family members are told only with the client's consent; the standard exam answer is the handover to oncoming staff.

C. A roommate has no right to the client's information.

D. Sharing the client's status with the oncoming staff (handover) is appropriate and required for continuity of care.

27 Mathematics

The prescription orders are 0.125 mg digoxin orally. Tablets containing 0.25 mg is available. How many tablets will you administer?

- A. 1 tablet
- B. 1/5 tablet
- C. 2 tablets
- D. ½ tablet ✓ **Correct answer**

A. One 0.25 mg tablet is double the ordered 0.125 mg dose.

B. 1/5 of 0.25 mg is 0.05 mg, not the ordered 0.125 mg.

C. Two 0.25 mg tablets give 0.5 mg, four times the ordered dose.

D. Dose ordered ÷ dose available = 0.125 ÷ 0.25 = 0.5, so half a tablet.

Question 28 Nursing

Best method of disinfection of hospital waste is:

- A. Fumigation
- B. Incineration ✓ **Correct answer**
- C. Sunlight
- D. Burying

A. Fumigation disinfects rooms and surfaces, not hospital waste.

B. Incineration (burning at high temperature) is the best method of disposing of hospital waste.

C. Sunlight is not a method of hospital waste disinfection.

D. Burying does not disinfect hospital waste and risks contamination.

29 Mathematics

A thousand ml. of Normal Saline is to be infused in 8 hours. What should be the rate of flow per minute?

- A. 20 drops
- B. 30 drops
- C. 40 drops ✓ **Correct answer**
- D. 50 drops

A. 20 drops/min would need a 10 drops/mL set (1,000 × 10 ÷ 480 ≈ 21); the standard adult set is 20 drops/mL.

B. 30 drops/min would need a 15 drops/mL set (1,000 × 15 ÷ 480 ≈ 31); the standard adult set is 20 drops/mL.

C. With the standard 20 drops/mL macrodrip set: (1,000 mL × 20) ÷ 480 min = 41.7 drops/min; 40 is the nearest option offered.

D. 50 drops/min exceeds the calculated rate of 41.7 drops/min.

Note: Note: PICK-ONE (decided by the assistant under the owner's 8 Nov 2026 delegation): the exact rate with the standard 20 drops/mL set is 41.7 drops/min (about 42 — the identical question in the RRB Staff Nurse paper of 21 July 2019 is keyed 42 gtts), but 42 is not among the options; 40 is the nearest option and the setter's evident intent.

Question 30 Nursing

Which of the following diseases is inheritable

- A. Leukaemia
- B. Colour blindness ✓ **Correct answer**
- C. Malignancy
- D. Hepatitis

A. Leukaemia is a blood cancer, not classically an inherited disease.

ndness is an inherited (X-linked recessive) condition.

C. Malignancy (cancer) is not classically an inherited disease in this sense.

D. Hepatitis is an infectious/inflammatory disease of the liver, not inherited.

Question 31 Nursing

The highest concentration of HIV virus is found in?

- A. Saliva
- B. CSF
- C. Blood ✓ **Correct answer**
- D. Semen

A. Saliva carries a low concentration of HIV.

B. Cerebrospinal fluid carries HIV, but at a lower concentration than blood.

C. Blood has the highest concentration of HIV of the body fluids listed.

D. Semen carries HIV, but at a lower concentration than blood.

Question 32 Nursing

Most important aspect of hand washing is:

- A. Time
- B. Type of soap
- C. Surface tension
- D. Friction ✓ **Correct answer**

A. Time matters, but it is not the most important aspect of hand washing.

B. The type of soap matters less than the mechanical action.

C. Surface tension is not the key aspect of hand washing.

— the mechanical rubbing action) is the most important aspect of hand washing — it physically removes organisms.

Question 33 Mathematics

One teaspoon contains:

- A. 2ml
- B. 5ml ✓ **Correct answer**
- C. 10ml
- D. 15 ml

A. One teaspoon is 5 mL, not 2 mL.

B. One teaspoon contains 5 mL.

C. 10 mL is two teaspoons, not one.

D. 15 mL is one tablespoon (three teaspoons), not one teaspoon.

Question 34 Nursing

The pacemaker of the heart is termed as?

- A. Atrioventricular node
- B. Sinoatrial node ✓ **Correct answer**
- C. Left and right bundle branches
- D. Purkinje fibers

A. The AV node delays the impulse; it is not the heart's pacemaker.

B. The SA node is the natural pacemaker of the heart, initiating each heartbeat.

C. The bundle branches conduct the impulse to the ventricles; they are not the pacemaker.

D. The Purkinje fibers spread the impulse through the ventricles; they are not the pacemaker.

35 Nursing

BCG Vaccination (Bacillus Calmatte Guerine) is injected to get immunity from:

- A. Polio
- B. Cholera
- C. Small pox
- D. Tuberculosis ✓ **Correct answer**

A. Polio vaccine (OPV/IPV) gives immunity from polio, not BCG.

B. Cholera vaccine gives immunity from cholera, not BCG.

C. Smallpox vaccine gives immunity from smallpox, not BCG.

D. BCG (Bacillus Calmette-Guérin) vaccine gives immunity from tuberculosis.

Note: Note: the print spells the name "Bacillus Calmatte Guerine" (filed as printed); the vaccine is Bacillus Calmette-Guérin.

Question 36 Nursing

Inflammation of the tongue is termed as:

- A. Glossitis ✓ **Correct answer**
- B. Gingivitis
- C. Stomatitis
- D. Parotitis

A. Glossitis is inflammation of the tongue.

B. Gingivitis is inflammation of the gums.

C. Stomatitis is inflammation of the mouth (oral mucosa).

D. Parotitis is inflammation of the parotid (salivary) gland.

37 Nursing

Where does fertilization of an ovum by sperm usually take place?

- A. In the fallopian tube ✓ **Correct answer**
- B. In the vagina
- C. In the uterus
- D. In the ovary

A. Fertilization usually takes place in the ampulla of the fallopian tube.

B. Fertilization does not take place in the vagina.

C. The fertilized ovum implants in the uterus, but fertilization itself takes place in the fallopian tube.

D. The ovum is released from the ovary, but fertilization does not take place there.

Question 38 General Knowledge

The International Court of Justice is located in:

- A. New York
- B. London
- C. Geneva
- D. The Hague ✓ **Correct answer**

A. New York hosts the United Nations headquarters, not the International Court of Justice.

B. London hosts no International Court of Justice.

C. Geneva hosts many UN agencies, but not the International Court of Justice.

D. The International Court of Justice is located at The Hague, Netherlands.

39 Nursing

The nurse is preparing to take vital sign in an alert client admitted to the hospital with dehydration secondary to vomiting and diarrhea. What is the best method used to assess the client's temperature?

- A. Oral ✓ **Correct answer**
- B. Axillary
- C. Rectal
- D. Heat sensitive tape

A. For an alert adult client, the oral method is the standard best method of assessing temperature.

B. The axillary method is the least accurate of the listed methods.

C. The rectal method is the most accurate, but it is not the routine best method for an alert adult (invasive; used when oral is not possible).

D. Heat-sensitive tape is not the standard best method of assessing temperature.

Question 40 Nursing

To best communicate with a client who is totally deaf, the nurse should:

- A. Smile frequently and speak loudly
- B. Smile often and talk rapidly
- C. Avoid eye contact
- D. Write out information ✓ **Correct answer**

A. Speaking loudly does not help a totally deaf client.

B. Talking rapidly makes lip-reading harder, not easier.

C. Avoiding eye contact harms communication with a deaf client (eye contact and facing the client matter).

ut information is the best way to communicate with a totally deaf client.

Question 41 General Knowledge

The capital of Canada is:

- A. Toronto
- B. Ottawa ✓ **Correct answer**
- C. Ontario
- D. Montreal

A. Toronto is the largest city of Canada, but not its capital.

B. Ottawa is the capital of Canada.

C. Ontario is a province of Canada, not its capital city.

D. Montreal is a city in Quebec, not the capital of Canada.

Question 42 Nursing

Which of the following colored container must be used for discarding human anatomical waste in hospital?

- A. Yellow ✓ **Correct answer**
- B. Red
- C. Blue
- D. Black

A. Human anatomical waste goes in the yellow container/bag under biomedical waste rules.

B. Red containers are for contaminated recyclable waste (tubing, gloves), not anatomical waste.

C. Blue containers are for glassware and metallic body implants, not anatomical waste.

tainers are for general (non-biomedical) waste, not anatomical waste.

Question 43 English

Choose the correct option: "Zulfikar ____ this house last year".

- A. sells
- B. sell
- C. sold ✓ **Correct answer**
- D. is selling

A. "sells" is present tense; "last year" needs the past tense.

B. "sell" is the base form; "last year" needs the past tense.

C. "Zulfikar sold this house last year" — the past tense matches "last year".

D. "is selling" is present continuous; "last year" needs the past tense.

Question 44 Nursing

A method of making the victim to breath passively is:

- A. Artificial respiration ✓ **Correct answer**
- B. Spontaneous respiration
- C. Deep breathing
- D. Kusmal breathing

A. Artificial respiration makes the victim breathe passively (breathing supplied from outside).

B. Spontaneous respiration is breathing on one's own, not passive.

C. Deep breathing is an active breathing exercise, not passive breathing.

D. Kussmaul breathing is a deep, rapid breathing pattern (in diabetic ketoacidosis), not a method of passive breathing.

the print writes "breath" for "breathe" and "Kusmal" for "Kussmaul" (filed as printed).

Question 45 Nursing

Which temperature is considered most accurate?

- A. Oral
- B. Axillary
- C. Groin
- D. Rectal ✓ **Correct answer**

A. Oral temperature is convenient but less accurate than rectal.

B. Axillary temperature is the least accurate of the listed methods.

C. Groin temperature is not a standard accurate method.

D. Rectal temperature is the most accurate (closest to core temperature).

Question 46 General Knowledge

Where is the tomb of Mughal Emperor Jahangir?

- A. Multan
- B. Karachi
- C. Peshawar
- D. Lahore ✓ **Correct answer**

A. Jahangir's tomb is not in Multan.

B. Jahangir's tomb is not in Karachi.

C. Jahangir's tomb is not in Peshawar.

D. The tomb of Mughal Emperor Jahangir is at Shahdara, Lahore.

47 Nursing

Mode of transmission of Hepatitis E is?

- A. Water borne ✓ **Correct answer**
- B. Blood borne
- C. Air borne
- D. Transplacental

A. Hepatitis E is transmitted by the faeco-oral route, mainly through contaminated water.

B. Hepatitis E is not blood-borne (that is Hepatitis B/C).

C. Hepatitis E is not air-borne.

D. Hepatitis E is not transmitted transplacentally as its mode of transmission.

Question 48 Nursing

Which type of precautions should the nurse implement for the client diagnosed with septic meningitis?

- A. Standard precaution
- B. Airbone precaution
- C. Contact precaution
- D. Droplet precaution ✓ **Correct answer**

A. Standard precautions apply to all clients, but meningitis needs the additional droplet precaution.

B. Airborne precautions are for infections spread by tiny airborne particles (e.g. TB); meningitis needs droplet, not airborne, precautions.

C. Contact precautions are for infections spread by touch; meningitis spreads by droplets.

D. Bacterial (meningococcal/septic) meningitis requires droplet precautions (respiratory droplets).

the print spells the option "Airbone" (filed as printed); the precaution is airborne.

Question 49 Nursing

Tendon connects:

- A. Cartilage with muscles
- B. Bone with muscles ✓ **Correct answer**
- C. Ligament with muscles
- D. Bone with bone

A. Tendons do not connect cartilage with muscles.

B. A tendon connects muscle to bone.

C. Ligaments connect bone to bone, not ligament to muscle.

D. Bone-to-bone connections are ligaments, not tendons.

Question 50 Nursing

Which of the following is a first-line drug used for pain management?

- A. Acetaminophen ✓ **Correct answer**
- B. Clonidine
- C. Morphine
- D. Ketamine

A. Acetaminophen (paracetamol) is the first-line drug for pain management (WHO analgesic ladder step 1).

B. Clonidine is an antihypertensive/adjunct, not a first-line analgesic.

C. Morphine is a strong opioid used for severe pain (WHO ladder step 3), not first-line.

D. Ketamine is an anaesthetic/adjunct analgesic, not a first-line drug for pain

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