

MCQ 1

[Easy] Question: What refrigerant is used in these air conditioning units?

- A) R22
- B) R410A
- C) R134a
- D) R407C

Correct Answer: B

MCQ 2

[Easy] Question: What type of operation is supported for the PRIMARY FIXED SPEED models in this catalogue?

- A) Cooling and Heating
- B) Heating Only
- C) Cooling Only
- D) Dehumidifying Only

Correct Answer: C

MCQ 3

[Medium] Question: What is the function of the Hydrophilic Aluminium Fin?

- A) To reduce compressor vibration
- B) To enhance heat exchange performance
- C) To protect against fire hazards
- D) To adjust ESP

Correct Answer: B

MCQ 4

[Easy] Question: Which type of compressor is used in the 2.0~6.5HP models?

- A) Reciprocating
- B) Scroll
- C) Twin Rotary
- D) Centrifugal

Correct Answer: C

MCQ 5

[Medium] Question: What does ESP stand for in the context of these air conditioning units?

- A) Electronic Stability Program
- B) External Static Pressure
- C) Enhanced Service Package
- D) Energy Saving Performance

Correct Answer: B

MCQ 6

[Hard] Question: What is the maximum pipe length for the RCI-2.0TNZ1NH indoor unit connected to the RAS-2.0TNZGNH1 outdoor unit?

- A) 15m
- B) 20m
- C) 30m
- D) 50m

Correct Answer: B

MCQ 7

[Easy] Question: What feature ensures the unit returns to its previous settings after a power outage?

- A) Temperature Compensation
- B) Auto Restart
- C) Quiet Operation
- D) Self Diagnosis

Correct Answer: B

MCQ 8

[Medium] Question: How does the Temperature Compensation feature work for cassette units installed at high ceiling heights?

- A) By increasing refrigerant flow
- B) By varying airflow velocity and correcting temperature difference
- C) By reducing compressor speed
- D) By activating a secondary heating element

Correct Answer: B

MCQ 9

[Hard] Question: What triggers the unit to turn off if the water pump malfunctions?

- A) Low-pressure switch
- B) High-pressure switch
- C) Water level switch
- D) Discharge temperature sensor

Correct Answer: C

MCQ 10

[Easy] Question: Which type of unit offers a fresh air inlet option?

- A) Ducted Type

- B) Cassette Type
- C) Floor Ceiling Type
- D) All of the above

Correct Answer: B

MCQ 11

[Medium] Question: What is the advantage of the built-in drain pan in the ducted type units?

- A) Reduces noise levels
- B) Increases cooling capacity
- C) Reduces dust adhesion and prevents water leakage
- D) Enables longer piping runs

Correct Answer: C

MCQ 12

[Easy] Question: What type of controller is standard for the ducted type units?

- A) Remote controller
- B) Wired controller
- C) Wireless controller
- D) Smart controller

Correct Answer: B

MCQ 13

[Hard] Question: What is the maximum cooling ambient temperature for the RAS-1.0TNZGNH1 outdoor unit?

- A) 35°C
- B) 43°C

C) -15°C

D) 24°C

Correct Answer: B

MCQ 14

[Medium] Question: What is the function of the "Powerful" button on the remote controller?

A) Activates Quiet Operation mode

B) Increases cooling/heating intensity

C) Sets the unit to Auto mode

D) Adjusts the louver position

Correct Answer: B (Implied, not explicitly stated but the most logical answer)

MCQ 15

[Easy] Question: What type of filter is used in the cassette type units?

A) HEPA filter

B) Carbon filter

C) Washable filter

D) Electrostatic filter

Correct Answer: C

MCQ 16

[Medium] Question: The ducted units offer flexible air return from:

A) Top or bottom

B) Left or right

C) Bottom or rear

D) Front or rear

Correct Answer: C

MCQ 17

[Hard] Question: What is the indoor unit model number for a 6.0kW cooling capacity cassette type unit?

A) RCI-6.0TNZ1NH

B) RCI-4.0TNZ1NH

C) RCI-3.0TNZ1NH

D) RCI-2.0TNZ1NH

Correct Answer: A (closest based on the specifications table, 12,506 BTU/h which is roughly 3.66kW, and the 6.5kW is RCI-6.5TNZ1NH, so by deduction)

MCQ 18

[Easy] Question: What is the purpose of the blue coating on the Hydrophilic Aluminium Fin?

A) Enhance aesthetics

B) Increase heat absorption

C) Protect against corrosion

D) Reduce noise

Correct Answer: C

MCQ 19

[Medium] Question: Floor Ceiling type units can be installed:

A) Only on the floor

B) Only on the ceiling

C) On the floor or ceiling

D) On the wall

Correct Answer: C

MCQ 20

[Hard] Question: What type of throttle is used in the RAS-4.0TNZGMH1 outdoor unit?

A) Throttle Valve

B) Capillary

C) Expansion Valve

D) Electronic Expansion Valve

Correct Answer: B

MCQ 21

[Easy] Question: What information is displayed on the wired controller's LCD screen?

A) Operation mode, temperature, fan speed, timer settings

B) Filter cleanliness, outdoor temperature, humidity level

C) Error codes, maintenance schedule, refrigerant levels

D) Energy consumption, cost savings, runtime hours

Correct Answer: A

MCQ 22

[Medium] Question: What metal is used in the duct structure of the units for durability and corrosion protection?

A) Stainless steel

B) Aluminum

C) Copper

D) Galvanized steel

Correct Answer: D

MCQ 23

[Hard] What is the approximate fresh air intake capacity of the Cassette Type unit with the optional fresh air plenum?

A) 5 m³/h

B) 10 m³/h

C) 15 m³/h

D) 20 m³/h

Correct Answer: C

MCQ 24

[Easy] The "Sleep" button on the remote controller is used to:

A) Turn off the unit after a set time

B) Activate Quiet Operation mode

C) Set the sleep mode

D) Adjust the fan speed

Correct Answer: C

MCQ 25

[Medium] The "Auto" mode on the remote controller:

A) Only controls the fan speed

B) Selects heating, cooling, or fan mode automatically

C) Adjusts the louver position automatically

D) Sets the timer automatically

Correct Answer: B