Post-Video Questions
BeneHeart D3 Defibrillator

Mindray

Forename (s):	Surname:
Job Title:	
Directorate / Department / Unit / Ward:	
AED or Advanced use (delete as appropriate):	**AED / Advanced**

The following questions can be used as an assessment of your knowledge of the D3 Defibrillator. Each question has multiple answers to choose from and some questions may have more than one correct answer. Please circle the correct answer(s).

VIDEO 1 - OVERVIEW	
1. How many modes does the D3 Defibrillator have?	3 4 2
2. Under which power source can the D3 operate?	Battery Mains power Mains power or battery
3. What colour is the battery indicator when charging?	Yellow Red Green
4. When a red cross is displayed?	The device is ready for use The device has failed self-test The battery is not charged
5. How do you connect the therapy cable to the D3?	Align the green arrow on the cable plug with the arrow on the device and push firmly. Twist the therapy cable into place until you hear a click. Mount the therapy cable to the D3 at a 90° angle, then align the green arrows.
6. A flashing green LED on the recorder means…	It is ready to print It is out of paper It is out of ink
7. What colour LED shows when no battery is present?	Green Yellow No LED is shown

VIDEO 2 - TESTING

1. A green tick indicates…	The device is ready for use The device is fully charged The time and date are correct
2. Before performing a manual test…	Connect to mains power Ensure the device is clean Check the condition of the therapy cable
3. If the therapy cable is found to be damaged…	Carry out a test, do not touch the therapy cable Do not carry out a test, report the device to medical engineering Leave the device alone, do nothing
4. When performing manual test, turn the mode select dial to…	AED Pacer Monitor
5. Which buttons are pressed during a manual test?	Charge & ECG gain Charge & shock Energy select & shock
6. If the device fails the manual test…	It will power off permanently A red cross will appear The yellow battery LED will show

VIDEO 3 – AED MODE

1. AEDs are to be used on patients that are…	Non-responsive and not breathing Conscious and breathing Non-responsive and not breathing properly
2. Defibrillator pads should be placed…	In an anterior-lateral position On the patient's chest and abdomen On opposite shoulders
3. In AED mode, what are the two patient categories…	Adult and neonatal Paediatric and normal Adult and paediatric
4. Once connected to a patient, the device will analyse the ECG…	True False
5. You must press the 'Charge' button to charge the device…	True False
6. If a shock is not required, the device will disarm after 30 seconds…	True False
7. After using the device, you should…	Disconnect from the patient, leave the device for someone to clean and restock Ensure the device is clean and that consumables are restocked Call medical engineering, who will clean and restock your device for you

VIDEO 4 – MANUAL DEFIBRILLATION

1. Which waveform is at the top of the display screen…	ECG SpO_2 CO_2
2. What is the energy output for an adult patient?	100j, 150j, 200j 200j, 250j, 300j 200j, 300j, 360j
3. The device will charge automatically…	True False
4. If the device has charged and a shock is not required…	It cannot be disarmed Disarm the device using the soft key marked 'Disarm' or wait 30 seconds Turn the device off
5. If amber or red is showing in the impedance display…	There is low impedance There are no pads connected There is high impedance
6. In case of poor pad connectivity…	Do nothing, the device will compensate Check pad adhesion consider applying new pads if required Reapply the same pads
7. To manually mark an event…	Get someone to write it down Press and hold the menu key Press the 'Event' key
8. To print and review events after a rescue…	Press the 'Event' Key Press Menu >Others>Event Summary Press and hold the 'Menu' key

VIDEO 5 – CARDIOVERSION	
1. To start cardioversion, turn the mode select dial to…	Monitor Cardioversion Manual defib
2. What is the lowest energy output the D3 can deliver?	10j 20j 1j
3. To start R wave synchronisation…	Press the 'Sync' soft key You don't need to synchronise Press and hold the charge button
4. When synchronisation is successful…	The alarm light will flash twice White markers will appear above the R waves There will be no indication
5. When safe and ready to deliver the shock…	Press the 'Shock' button Press the 'Energy Select' button Press and hold the 'Shock'
6. If the device has charged and a shock is not required…	Disarm the device using the soft key marked 'Disarm' or wait 30 seconds Turn the device off It cannot be disarmed
7. If green is showing in the impedance display…	There is low impedance There are no pads connected There is high impedance

VIDEO 6 – TRANSCUTANEOUS PACING

1. Fixed mode pacing…	Delivers a pacer pulse at selected rate Can be used in poor R wave progression Can be used without three lead ECG
2. Demand mode pacing…	Can be used without three lead ECG Is NOT the preferred pacing mode Delivers a pacer pulse when the heart rate drops below a specified rate
3. Before starting demand mode pacing…	Apply only the pads to the patient Apply pads and three lead ECG to the patient Apply only the ECG to the patient
4. Which ECG lead is displayed automatically?	Lead I Lead II Lead III
5. If the white markers fail to show above the R wave…	Reselect another ECG lead Remove and replace ECG lead Remove pads and reapply
6. To select and change the pacer rate…	Press the 'Charge' button Press and rotate the navigation dial Press the 'Energy select' keys
7. Changing the pacer output is done in the same way as changing the rate…	True False
8. Pacing spikes will show on screen when pacing is activated…	True False
9. To review the patient's ECG during pacing…	Press 'Event' button Press '4:1' soft key Press 'Screen Unlock' soft key

VIDEO 7 – MONITORING

1. To enter monitoring mode, turn the mode select dial to…	Manual Defib AED Monitor
2. To change between adult, paediatric and neonatal mode…	Use the navigation dial to highlight the patient category in the top right of the display Use the navigation dial to highlight the patient category in the top left of the display Use the menu key to select the patient type
3. To switch display between ECG leads…	Press the 'Gain Select' key Press the 'Trends' soft key Press the 'Lead Select' key
4. How do you zero the CO_2?	Via the 'Menu' key Press the 'Zero' soft key You don't, it zeros automatically
5. Alarms can be changed in the para alarm section of each menu…	True False
6. The 'Alarm Pause' soft key permanently disables the alarms…	True False
7. Pressing the 'Trend' soft key allows you to view patient trend data…	True False
8. Pressing the button on the top left of the recorder starts and stops printing…	True False

Retain these questions in your learning portfolio.