

# SECTION A

Answer ALL questions in both sections .

1. Deep Purple : Black night

<https://youtu.be/Et3AJIry4il>

a. What rhythm are the drums playing on the intro.

1 Crotchets

2. Crotchet triplets

3. Quavers

4. Quaver triplets

(2)

b. How is the guitar panned.

(1)

**Hard right**

c. Which keyboard instrument can be heard throughout.

(1)

**Hammond organ (B3)**

d. How has the riff been given a fatter sound.

(2)

**Double on guitar and bass an octave apart (and organ)**

e. What is the rhythmic feel of this track.

(1)

**Shuffle**

f. Name three performance techniques employed by the guitarist.

**Vibrato, hammer ons, pull offs, whammy bar/tremelo arm, slides,**

**bends, dive bombs.**

(3)

**(Total for question 1= 10 marks)**

2. Daft Punk : Harder, Better, Faster, Stronger <https://youtu.be/GDpmVUEjagg>

a. What rhythmic value does the ride cymbal play at 0.24 seconds (2)

**Crotchets**

b. What dynamic processing is applied to the intro. (2)

**frequency cut/EQ cut/telephone effect/ HI Low cut.**

c. How is the robotic effect on the main vocal achieved. (2)

**Vocoder.**

d. This track uses MIDI . What does MIDI stand for and how did it change the face of electronic music. (4)

**Musical Instrument Digital Interface (1983 though the Prophet had it in 1981)**

**Allowed electronic instruments to**

**communicate/ sync up allowing sequenced parts in drums and keyboards to be created**

**more complex patters and rhythms could be layered.**

**(Total for question 2 = 10 marks)**

3. Thompson Twins: You Take Me Up

<https://youtu.be/5Dho47jZS9U>

a. What reed instrument is heard on this track. (2)

**Harmonica ( also melodica)**

b. How has the industrial feel of the lyrics been reflected in the rhythm track. (2)

**Samples of metal/junk instead of standard drum sounds**

c. What elements of a traditional blues are used by the backing vocals. (2)

**Call and response, repeating last line of lead vocal.**

d. What techniques/instrumentation are employed to give the chorus a lift. (4)

**Double tracked vocals with wide reverb, string pads, rhythm track goes double time, harmonies.**

**(Total for question 3 = 10 marks)**

4. Foster The People : Pumped Up Kicks <https://youtu.be/SDTZ7iX4vTQ>

a. How do the verse vocals differ from the chorus vocals. (6)

Verse : bandpass filter, thin sound , 100ms delay (short), telephone effect,  
EQ cut. Chorus : clean vox, wider reverb, harmonies,

b. How has definition been added to the synth bass part. (4)

Doubled on electric guitar, lo cut added to boost hi/mids.

(Total for question 4=10 marks)

Total for section A = 40 marks

## Section B

5. Elvis Presley : Always on my mind

<https://youtu.be/u9sRJ-eOHnc>

Pet Shop Boys : Always on my mind

<https://youtu.be/n2aMaMkDwTA>

Compare the different production and performance techniques used in the two version (20)

Original : emotional vocal, acoustic instruments, live performances, large ensemble, simple

production (reverb EQ) limited effects, choir , orchestra, mid tempo ballad, wide dynamic range.

Cover : Heavily synthesised, up tempo, dance feel, 80's production, gated reverb, wide reverbs on

vox, sequenced performance, electronic drums, extra chord at end of chorus (Bb), timed delays on

keyboard solo, synth string pads, compressed dynamic range.

(Total for Question 5 = 20 marks)

6. The Tornadoes : Telstar

<https://youtu.be/4B7ypA1fSwU>

Producer Joe Meek, pioneered the splicing of different performances and parts together on tape.

How has the availability of more tracks developed since the 1960's. (15)

1950's Ampex developed the 2 and 3 track recorders, 1960's Beatles used four track tape

recordings, 1967 Ampex created 16 track recorder, 1979 Tascam release home 4 track recorder,

1987 Digital audio tape used for mastering, 1992 Alesis release the ADAT 8 track digital recorder

1992 Cubase offers digital software based multi track recording, 2012 Garage band, Vst's

more processing power better sound cards mean almost unlimited tracks.

(Total for Question 6 = 15 marks)

Total for section B = 35 marks

Total for paper = 75 marks