

SECTION A

Answer ALL questions in both sections .

1. Johnny Cash : Ring of Fire

<https://youtu.be/mlBTg7q9oNc>

a. Describe the bar lengths of the opening trumpet phrase. (3)

b. What effect (common to 1950's recording) is used on the lead vocal. (1)

c. What must you look out for when recording brass instruments. (1)

d. How, through mic placement , can you avoid this. (1)

f. This was recorded in 1963. Give four facts to support this statement.

1.....

2.....

3.....

4.....

(4)

(Total for question 1= 10 marks)

2. Human League : Fascination

<https://youtu.be/QqgBs6kkzHE>

- a. How has the low growl synth sound been panned. 0.28 seconds. (1)
- b. How are the vocals thickened on the chorus . (3)
- c. The opening synth riff goes slightly out of tune due to the recording process. Why would this not occur in digital recording. (2)
- d. This track was recorded with analogue synthesisers. What are the four components of an envelope in synthesis. (4)

(Total for question 2 = 10 marks)

3. Duke Ellington : Afrique (take 3)

<https://youtu.be/Uw0p4669Qyl>

a. This track was recorded in 1970. Name four production techniques of the time. (4)

b. How have the vocal and piano been separated. (2)

c. Duke Ellington was more famous for his swing recordings. Name four key elements of big band swing. (4)

Total for question 3 = 10 marks)

4. ZAYN, Taylor Swift: I Don't Wanna Live Forever

<https://youtu.be/7F37r50VUTO>

a. This song is in A minor. If A above middle C is 440 Hz what is its frequency one octave lower

(2)

b. What is the tempo of this track.

(2)

c. This track contains several vocal samples. What sampling rate would you expect to have been used and why

(6)

(Total for question 4=10 marks)

Total for section A = 40 marks

Section B

5. The Persuaders : Some Guys Have All the Luck <https://youtu.be/fVbDgUD6BIQ>

Robert Palmer : Some Guys Have All the Luck <https://youtu.be/y5ugq624SFw>

Compare the different production and performance techniques used in the two versions.

(20)

(Total for Question 5 = 20 marks)

6. Led Zeppelin : Black Dog

Loud, loud rock music. Briefly outline the evolution of the guitar amplifier.

(15)

(Total for Question 6 = 15 marks)

Total for section B = 35 marks

Total for paper = 75 marks