**XYZ-Category B (Answer)**

DIS after NPD – (with ‘Part-time’ service)

Name Tao Yang

DOD 29/08/2021

DOB 28/05/1954

DJS 06/11/1997

NPD 28/05/2019

Final pensionable salary at NPD = £25,773.00 (*best 1 in 5, from 6 April 2019*)

Final pensionable salary at 03/07/2011 = £20,913.00

RPI between 04/07/2011 and NPD = 23.3%

FPS comparison :

* FPS at 03/07/2011 x RPI = £20,913.00 x 1.233 = **£25,785.73**

 OR *(if higher*)

* FPS at NPD  **= £**25,773.00

Late retirement factor = NPD to DOD: 28/05/2019 to 29/08/2021

(2 years & 3 months)

* 2 years = 16%
* 3 years = 24%
* 2 years & 3 months = 16 + [(3/12) x 8] = 18%
* Factor = 1.18

Years and days = 06/11/1997 to 03/07/2011

Years: 06/11/1997 to 11/11/2010 = 13 years

Days: Nov Dec Jan Feb Mar Apr May Jun Jul Total

 25 31 31 28 31 30 31 30 3 240 days

1) Spouse’s pension at DOD

Member's pension at NPD:

 (*used to derive spouse’s pension*)

06/11/1997 to 15/06/1998 = 0 years & 222 days  (*full time*)

16/06/1998 to 21/01/2009 = 10 years & 220 days (*3 days per week*)

22/01/2009 to 03/07/2011 = 2 years & 163 days (*4 days per week*)

Pension split (1): 0 + (222/365) x £25,785.73 = £ 261.39 p.a.

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Pension split (2): 10 + (220/365) x £25,785.73 = £4,556.66 x 3/5 = £ 2,733.99 p.a.

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Pension split (3): 2 + (163/365) x £25,785.73 = £1,051.45 x 4/5 = £ 841.16 p.a.

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Total Pension at NPD = £261.39 + £2,733.99 + £841.16 =  £ 3,836.54 p.a.

Total Pension at DOD = £3,836.54 x 1.18 = £ 4,527.12 p.a.

Spouse’s pension at DOD = £4,527.12 x 50% = **£ 2,263.56 p.a.**

2) Lump sum death benefit (LSDB)

5 year balance of guarantee = £4,527.12 x 5 = £22,635.60

Total LSDB payable at trustees’ discretion = **£22,635.60**

LTA% = £22,635.60 / £1,073,100.00 x 100 = **2.10%**

This is within the deceased member's remaining LTA of 96.28%.